DIPLOMA IN HOME SCIENCE

V SEMESTER

V SEMESTER

Sl No	Course Code	Course Name	Teaching Scheme					Examination Scheme						
			Instruction Periods per week			Total Periods per semester	Credits	Continuous internal evaluation			Semester end examination			
			L	T	P			Mid Sem1	Mid Sem 2	Internal Evaluation	Max Marks Min Marks		Total Marks	Min marks for Passing including internal
1	18HS 501-C	Educational Psychology	2.7	1.3	0	60	3	20	20	20	40	14	100	35
2	18HS 502-C	Methods of Teaching English	2.7	1.3	0	60	3	20	20	20	40	14	100	35
3	18HS 503-C	Methods of Teaching Home Science	2.7	1.3	0	60	3	20	20	20	40	14	100	35
4	18HS 504-E	**A-Trends in Fabrics and Fashions** **B-Community Nutrition and education**	2.7	1.3	0	60	3	20	20	20	40	14	100	35
5	18HS 505-E	**A-Apparel manufacturing technology** **B-Family and community services**	2.7	1.3	0	60	3	20	20	20	40	14	100	35
6	18HS 506-P	Methods of Teaching Home Science Lab Practice	1	0	2	45	1.5	20	20	20	40	20	100	50
7	18HS 507-P	Methods of Teaching English Lab Practice	1	0	2	45	1.5	20	20	20	40	20	100	50
8	18HS 508-P	Bakery and Confectionery Lab Practice	1	0	2	45	1.5	20	20	20	40	20	100	50
9	18HS 509-P	**Knitting and Machine Embroidery Lab Practice**	1	0	2	45	1.5	20	20	20	40	20	100	50
10	18HS 510-P	Project Work-I	1	0	2	45	1.5	20	20	20	40	20	100	50
11		ACADEMIC ACTIVITIES	0	0	7	105	2.5	0	0	Seminars, PPT			--	-
			18.5	6.5	17	630	**25**	200	200	200	400	170	1000	425
12	Activities: student performance is to be assessed through Rubrics.													

Electives	Subject Code	Type
Trends in Fabrics and Fashions	**18HS 504-A**	**core**
Community Nutrition and education	**18HS 504-B**	**open**
Apparel manufacture	**18HS 505-A**	**open**
Family and community services	**18HS 505-B**	**core**

DEPARTMENT OF TECHNICAL EDUCATION
STATE BOARD OF TECHNICAL EDUCATION & TRAINING (TS)

Course Title: **: EDUCATIONAL PSYCHOLOGY**	Course Code: 18 **HS-501F**
Semester: **V**	Corse/ Elective:
Teaching Scheme(L:T:P): **Theory 50 Minutes (00**)	Credits: **4 Credits**
Type of Course: **Laboratory Course**	Total Contact Hours:**60 HOURS**
CIE: **60 Marks**	SEE: **40 Marks**

Course Content and Blue Print of Marks for SEE DHS **EDUCATIONAL PSYCHOLOGY** 18DHS-501F

Legend: R: Remembering, U: Understanding A: Applying

Exp. No	**Experiment Name**	**Periods**	**Questions to be set for SEE**			**Marks Weightage**	**Weightage (%)**
			R	**U**	**A**		
01	Introduction	06	1	-	-	2	1.8%
02	Learning	06	1	-	1	12	10.9%
03	Intelligence	14	1	1	-	7	6.3%
04	Mental Hygiene Memory and Forgetting	14	1	1	1	17	15.4%
05	Personality & Guidance	10	3	2	2	36	32.7%
06	Juvenile Delinquency	10	3	2	2	36	32.7%
	Total	**60**	**10**	**6**	**6**	110	**100%**

	COURSE OUT COME
CO1	**Introduction:- Definition, meaning, scope, branches method, significance to teacher, and advantage of Educational psychology**
CO2	**Learning:- Definition, characteristic, nature, laws condition, methods and factors of learning.**
CO3	**Intelligence:- Definition, concept, characteristic, types measurement, classification and utility of intelligence.**
CO4	**Mental Hygiene, memory and forgetting:- Concept, aims, injurious elements, methods, maintenance, factors affect the health of teacher of mental Hygiene Definition, meaning, kinds causes methods of memory causes, eliminating forget fullness.**
CO5	**Personality:- Meaning, definition, traits factors, determinants, types, guidance and counseling service of Personality.**
CO6	**Juvenile delinquency:- Meaning, forms, factors, preventing measure of Juvenile delinquency.**

COURSE CONTENT:

UNITS-I **DURATION PERIODS-06**

INTRODUCTION: Definition, Scope, Methods of educational psychology, branchesof psychology, Significance of Education Psychology and Advantages.

UNITS-II **DURATION PERIODS-06**

LEARNING: Definition, Characteristics of Learning, Nature of Learning, laws of Learning conditions necessary for learning, four methods learning and factors effecting learning.

UNITS-III **DURATION PERIODS-14** **INTELLIGENCE:** Definition, Concept of Intelligence, Types of Intelligence, characteristics of intelligence, measurement of intelligence, classification of the intelligence Quotient & utility of IQ tests.

UNITS-IV **DURATION PERIODS-14**

MENTAL HYGIENE MEMORYANDFORGETTING: Definition, Concept of mental Aims, injurious elements, methods to preserve and maintain the mental in Children, Factors that effect in mental health of the teachers, Meaning, kinds of factors that affect the mental health of the teacher, Meaning and definition of memory. Kinds of memory, methods of memorizing, causes of forgetting and ways of eliminating Forgetfulness.

UNITS-V **DURATION PERIODS-10**

PERSONALITY: Definition, Meaning, personalitytraits, factors responsible for formation Of personality, Determinants of Personality, Types of personality–Men of feeling, Men of action & men of thought, Guidance and Counselling Services.

UNITS-VI **DURATION PERIODS-10**

JUVENILEDELINQUENCY: Understand Juvenile delinquency, forms of Juvenile delinquency, factors responsible for Juvenile delinquency and measures for preventing.

	COURSE OUT COME	CL	Linked PO	Teaching Hours
CO1	**Introduction:- Definition, meaning, scope, branches method, significance to teacher, and advantage of Educational psychology**	**R/U/A**	**1,2**	06
CO2	**Learning:- Definition, characteristic ,nature, laws condition, methods and factors of learning.**	**R/U/A**	**2**	06
CO3	**Intelligence:- Definition, concept, characteristic, types measurement, classification and utility of intelligence.**	**R/U/A**	**2,10**	14
CO4	**Mental Hygiene, memory and forgetting:- Concept, aims, injurious elements, methods, maintenance, factors affect the health of teacher of mental Hygiene Definition, meaning, kinds causes methods of memory causes, eliminating forget fullness.**	**R/U/A**	**2**	14
CO5	**Personality:- Meaning, definition, traits factors, determinants, types, guidance and counseling service of Personality.**	**R/U/A**	**2,5,10**	10
CO6	**Juvenile delinquency:- Meaning, forms, factors, preventing measure of Juvenile delinquency.**	**R/U/A**	**2**	10
				60

CO-PO Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	Mapped POs
CO1	y	Y			Y						PO1,PO2,PO5
CO2		Y									PO2
CO3		Y			Y					y	PO2, PO5, PO10
CO4		Y									PO2
CO5		Y			Y					y	PO2, PO5, PO10
CO6		Y									PO2

Suggested Learning Outcomes : After completion of this course, the student should be able to:

INTRODUCTION:

- Definition Scope, educational psychology.
- Methods of educational psychology, branches of psychology
- Significance of Education Psychology and Advantages.

LEARNING:

- Definition learning.
- Characteristics of Learning,
- Nature of Learning, laws of Learning conditions necessary for learning,
- Four methods learning and factors effecting learning.

INTELLIGENCE:

- Definition intelligence .
- Concept of Intelligence.
- Types of Intelligence.
- characteristics of intelligence, measurement of intelligence.
- classification of the intelligence Quotient & utility of IQ tests.

MENTAL HYGIENE MEMORYANDFORGETTING:

- Definition mental hygiene .
- Concept of mental Aims injurious elements.
- methods to preserve and maintain the mental in Children.
- Factors that effect in mental health of the teachers, Meaning, kinds of factors that affect the mental health of the teacher,
- Meaning and definition of memory. Kinds of memory, methods of memorizing, causes of forgetting and ways of eliminating Forgetfulness.

PERSONALITY:

- Definition personality.
- Meaning, personality traits.
- Factors responsible for formation Of personality, Determinants of Personality,
- Types of personality–Men of feeling, Men of action & men of thought, Guidance and Counselling Services.

JUVENILEDELINQUENCY:

- Understand Juvenile delinquency, forms of Juvenilede linquency.
- Factors responsible for Juvenile delinquency and measures for preventing.

REFERENCE BOOKS:

1. B.C. Rai **Educational Psychology,**
Prakashan Kendra, Year 1989.

2. B.D. Bhatia , R.N. Safaya**Educational Psychology and Guidance,**
DhampatRai& Sons Jullender Delhi.

3. K.K. Bhatia, TrinathPurohit**Educational Psychology**,
Kalyani Publishers New Delhi, Year 1983.

4. Bharti Sharma **Psychological Foundation of Education**,
Vohra Publishers & Distributers, New Delhi.

5. Dr. G. Aruna Mohan **Educational Psychology**,
Neelkamal Publications Pvt. Ltd New Delhi

MID SEM I EXAMINATION PATTERN
EDUCATIONAL PSYCHOLOGY, 18HS-501F

Duration: 1½ Hours **Total Marks: 20M.**

PART – A **Marks: 4 X 1 = 4M.**

Note:(i) Answer all **4** questions.
(ii) Each question carries **1** Mark.

1. Name the methods of Educational Psychology.
2. Define learning.
3. Define Educational Psychology.
4. Write down law of frequency in learning.

PART – B **Marks: 2 X 3 = 12M.**

Note:(i) Answer any **2** questions.
(ii) Each question carries **3** Marks.

5. A) What is observation method of Educational Psychology?
(Or)
B) What is scope of Educational Psychology?
6. A) How does learning take place by imitation?
(Or)
B) What are Psychology conditions of learning?

PART – C **Marks: 2 X 5 = 10M.**

Note: (i) Answer any **2**questions.
(ii) Each question carries **5** Marks.

7. A) Explain the Experimental method of Educational Psychology?
(Or)
B) Explain the theory of learning by imitation. Mention it education implications?
8. A) Explain the factor affecting the learning process?
(Or)
B) Explain the Characteristics of Learning?

MID SEM II EXAMINATION PATTERN
EDUCATIONAL PSYCHOLOGY, 18HS-501F

Duration: 1½ Hours **Total Marks: 40M.**

PART – A **Marks: 4 X 1= 4M.**

Note: (i) Answer all **4** questions.
(ii) Each question carries **1** Mark.

1. Name the kinds of memory.
2. Define intelligence.
3. Mention the aims of mental Hygiene.
4. What is forgetting?

PART – B **Marks: 2 X 3 = 6M.**

Note: (i) Answer any **2**questions.
(ii) Each question carries **3** Marks.

5. A) What are the ways of eliminating forgetfulness?
   (Or)
   B) How is intelligence measured?
6. A) Mention the methods of memory give examples.
   (Or)
   B) Mention the characteristics of intelligence.

PART – C **Marks: 2 X 5 = 10M.**

Note: (i) Answer any **2**questions.
(ii) Each question carries **5** Marks.

7. A) Explain the methods to prevent and maintain the mental health in children?
   (Or)
   B) Explain the factors that affect the mental health of the teacher?
8. A) Explain about individual Verbal test and group verbal test?
   (Or)
   B)Explain Four methods learning and factors effecting learning?

MODEL SEMESTER END EXAMINATION
EDUCATIONAL PSYCHOLOGY, 18HS-501F

Duration:2 Hours **Total Marks: 40M.**

PART – A **Marks: 8 X 1 = 8M.**

Note: (i) Answer all questions.
(ii) Each question carries **1** Mark.

1. Name the factors that affect the mental health of the teacher.
2. Define educational Psychology.
3. What are the characteristics of learning?
4. Name the types of intelligence tests.
5. State the meaning of memory.
6. Name the various form of Juvenile Delinquency.
7. Name the personality traits give examples.
8. Who is a delinquent child?

PART – B **Marks: 4 X 5= 20.**

Note: (i) Answer any **4**questions.

(ii) Each question carries **5** Marks.

9. A) State the meaning of law of Readiness which helps in the learning process.
(Or)
B) What is intelligence quotient?
10. A) Write down the methods of memory.
(Or)
B) What do you mean by men of feeling type of personality?
11. A) How does poverty and bad company lead to Juvenile delinquency?
(Or)
B) Write about Physical and mental traits of personality.
12. A) What are the factors responsible for the formation of the personality?
(Or)
B) How do you prevent delinquent behavior through education?

PART – C **Marks:4 X 5= 20M.**

Note: (i) Answer any **4** questions.
(ii) Each question carries **5** Marks.

13. A) Explain the theory of learning by trial and error method. Mention its educational implication?

(Or)

B) Explain the observation method of Educational Psychology State its Merits and Demerits?

14. A) Explain the type of intelligence?

(Or)

B) Explain the two factors that help in formation of personality of an individual?

15. A) Explain about Men of action and men of thought give examples.

(Or)

B) How does education prevent Juvenile delinquency? Example?

16. A) Explain the Factors that effect in mental health of the teachers?

(Or)

B) Explain the different kinds of factors that affect the mental health of the teacher?

DEPARTMENT OF TECHNICAL EDUCATION
STATE BOARD OF TECHNICAL EDUCATION & TRAINING (TS)

Course Title: METHODS OF TEACHING ENGLISH	Course Code: 18 **HS-502C**
Semester: **V**	Corse/ Elective: CORE
Teaching Scheme(L:T:P): **Theory 50 Minutes (00**)	Credits: **4 Credits**
Type of Course: **Theory**	Total Contact Hours: **60 Hours**
CIE: **60 Marks**	SEE: **40 Marks**

Course Content and Blue Print of Marks for SEEMETHODS OF TEACHING ENGLISH18HS-502

Legend: R: Remembering, U: Understanding A: Applying

Exp. No	**Experiment Name**	**Periods**	**Questions to be set for SEE**			**Marks weightage**	**Weightage (%)**
			R	**U**	**A**		
01	Aims and Objectives of teaching English	10	**1**	**1**	**-**	**7**	**6.3%**
02	Modern approach Methods &Techniques	12	**1**	**-**	**1**	**12**	**10.9%**
03	Teaching Language Skills	10	**1**	**-**	**1**	**12**	**10.9%**
04	Teaching English Vocabulary & Grammar	08	**1**	**1**	**-**	**7**	**6.3%**
05	Lesson plan and teaching and learning material	10	**3**	**2**	**2**	**36**	**32.7%**
06	Evaluation	10	**3**	**2**	**2**	**36**	**32.7%**
	Total	**60**	**10**	**6**	**6**	**110**	**100%**

COURSE OUT COME	
CO1	Define, Explain feature, principle, importance and objectives of teaching English.
CO2	Explain modern approaches, methods and techniques of teaching English.
CO3	Explain techniques of listening, speaking, reading and writing English.
CO4	Explain the technique, vocabulary and grammar.
CO5	Explain Micro and Remedial teaching, importance of lesson plan and teaching of prose and poetry.
CO6	Explain Evaluation, test, type ,qualities, designing scholastic Achievement test and age weight.

COURSE CONTENT:

Units-I **Duration Periods-10**

AIMS AND OBJECTIVES OF TEACHING ENGLISH: Language Definition, Nature and meaning. Features of Language, Principles of Language teaching and Importance of English. Objectives of Teaching English at Primary level and Upper primary level.

Units-II **Duration Periods-12**

MODERN METHODS, APPROACHS & TECHNIQUES: Define approach method and technique of English language teaching. Explanation of Structural andCommunicati approaches, features, advantages and limitations. Explain methods like grammar translation method, the Direct Method, the Reading method, the Bilingual method, the Activity method. Explain Techniques of Role Play, pair work, group work, their advantages and limitations.

Units-III **Duration Periods-10**

TEACHING LANGUAGE SKILLS: Listening- Introduction, Sub-skills and techniques of teaching, listening. Speaking- Introduction, sub-skills and techniques of teaching, speaking. Reading: Introduction, sub-skills and techniques of teaching. Reading. Writing- Introduction, Composition, techniques of teaching Composition, Developing Good hand writing Skills.

Units-IV **Duration Periods-8**

TEACHING ENGLISH VOCABULARY AND GRAMMAR: Types of Teaching Vocabulary: Structural Method and Content Method, Techniques of Teaching Vocabulary, Teaching Grammar – Types: (i) Formal, (ii) Functional Techniques of Teaching Grammar.

Units-V **Duration Periods-10**

LESSION PLAN& TEACHING LEARNING MATERIAL: Definition of Micro teaching and remedial teaching. Importance of Lesson plan, Teaching of Prose, Poetry lessons and Rhymes. Use of teaching learning material, Need of a Textbook, Qualities of a Good Text book, Construction of knowledge with reference to **N C F 2005.**

Units-VI **Duration Periods-10**

EVALUATION: Introduction, Evaluation, Assessment, Types of Evaluation, Types of Test, Qualities of a good Test, Designing Scholastic Achievement, Test Weightages, Question wise Analysis, Scoring and Marks Key.

	COURSE OUT COME	CL	Linked PO	Teaching Hours
CO1	Define, Explain feature, principle importance and objectives of teaching English.	R/U/A	1,2	05
CO2	Explain modern approaches, methods and techniques of teaching English.	R/U/A	2	08
CO3	Explain techniques of listening, speaking reading and writing English.	R/U/A	2,10	08
CO4	Explain the techniques of vocabulary and grammar.	R/U/A	2	08
CO5	Explain Micro and Remedial teaching, importance of lesson and teaching of prose and poetry.	R/U/A	2,5,10	08
CO6	Explain Evaluation, test, type ,qualities, designing scholastic Achievement test and weight age.	R/U/A	2	08

CO-PO Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	Mapped POs
CO1	y	y			y						PO1,PO2,PO5
CO2		y									PO2
CO3		y			y					y	PO2, PO5, PO10
CO4		y									PO2
CO5		y			y					y	PO2, PO5, PO10
CO6		y									PO2

Suggested Learning Outcomes : After completion of this course, the student should be able to:

AIMS AND OBJECTIVES OF TEACHING ENGLISH:

- Explain Language Definition, Nature and meaning,Features of Language.
- Explain Principles of Language teaching and Importance of English.
- Explain Objectives of Teaching English at Primary level and Upper primary level.

MODERN METHODS, APPROACHES & TECHNIQUES:

- Define approach, method and technique of English language teaching.
- Explanation of Structural, Communicative approaches, features, advantages and limitations.
- Explain methods like the grammar translation method, the Direct Method, the reading method, the Bilingual method, the Activity method .
- Explain Techniques of Role Play, pair work, group work, their advantages and limitations.

TEACHING LANGUAGE SKILLS:

- Explain Listening skills- Introduction, Sub-skills and techniques of teaching, listening.

- Explain Speakingskills- Introduction, sub-skills and techniques of teaching, speaking.
- Explain Reading skills- Introduction, sub-skills and techniques of teaching. Reading.
- Explain Writing skills- Introduction,Composition, techniques of teaching Composition, Developing Good hand writing Skills.

TEACHING ENGLISH VOCABULARY AND GRAMMAR:

- Explain Types of Teaching Vocabulary: Structural Method and Content Method.
- Explain Techniques of Teaching Vocabulary,
- ExplainTeaching Grammar – Types: (i) Formal, (ii) Functional Techniques of Teaching Grammar.

LESSION PLAN & TEACHING LEARNING MATERIAL:

- Explain Definition of Micro teaching and Explainremedial teaching. Importance of Lesson plan.
- Explain Teaching of Prose, Poetry lessons and Rhymes.
- Explain Use of teaching learning material.
- Explain Need of anTextbook, Qualities of a Good Text book, Construction of knowledge with reference**N C F 2005.**

EVALUATION:

- Explain Introduction, Evaluation, Assessment.
- Explain Types of Evaluation.
- Explain Types of Test, Qualities of a good Test, Designing Scholastic Achievement, TestWeight ages,Question wise Analysis, Scoring and Marks Key.

REFERENCE BOOKS:

1. Prof. Mohan Raj, Prof. Jayashree Mohanraj, Dr.D.Vasudhara Ms.p.Bharathi, Mr.R.V.V.G. Dattu. **D.Ed. Methods of Teaching English, Telugu.** Academy, Himayathnagar, Hyderabad- 50029.

2. Prof. Mohan Raj, Dr.D. Vasundhara **D.Ed. Methods of Teaching English, Telugu.** Academy, Himayathnagar, Hyderabad- 50029

METHODS OF TEACHING ENGLISH , 18HS-502C
MID SEM I EXAMINATION PATTERN

Duration : 1 Hour. Total Marks: 20

.

PART-A Marks: 4x1 = 4M.

Note : (i) Answerall four questions.

(ii) Each question carries 02 marks.

1 Define Language.

2 Why is English called as Language of opportunity

3 What is Activity based Teaching.

4 How does Pair work help in teaching Language.

PART-B Marks: 2 x 3 = 6M.

Note : (i) Answer any two questions out of four question.

(ii) Each question carries 03 marks

5(a) How does Role Play helpin learning English.

Or

(b) State the use of Language games.

6(a) State the nature of English language.

Or

(b) State why English is called as an Library Language

PART-C Marks: 2 x 05 = 10M.

Note : (i) Answer any two questions out of four question.

(ii) Each question carries 05 marks

7 (a) Discuss the Principles of Foreign Language Learning.

Or

(b) Explain the objectives of Teaching English

8. (a) Explain Structural Approach.

Or

(b) Explain Advantages and Limitations of Bilingual Method

METHODS OF TEACHING ENGLISH, 18HS-502C

MID SEM II EXAMINATION PATTERN

Duration : 1 Hour. Total Marks: 20

.

PART-A **Marks: 4x1 = 4M.**

Note : (i) Answerall four questions.

(ii) Each question carries 02 marks.

1 List the types of Reading.

2 State the mechanics of Writing.

3 Define Structure.

4 What is Active Vocabulary.

PART-B Marks: 2 x 3 = 6M.

Note : (i) Answerall two questions out of four question.

(ii) Each question carries 03 marks

5(a) Name some structures that help in developing speaking skills.

Or

(b) what is phonetic and Alphabetic method.

6(a) Give examples of Tenses and Question tags.

Or

(b) What are substitution tables Give Example

PART-C Marks: 2 x 05 = 10M.

Note : (i) Answerall two questions out of four question.

(ii) Each question carries 03 marks

7 (a) Discuss the activities to develop Speaking skills.

Or

(b) Discuss types of Listening.

8. (a) Discuss the techniques of Teaching Structure.

Or

(b) Discuss the technique of Teaching Vocabulary.

METHODS OF TEACHING ENGLISH, 18HS-502C

MODEL SEMESTER END EXAMINATION

Duration : 2Hour. Total marks: 40.

PART – A

Answer all questions. **8 X 1= 8 Marks**

1. Define Language.
2. What is substitution Table.
3. State the difference between Items and Questions.
4. What is Activity based Teaching.
5. What is Period Plan.
6. What qualities do you look for while selecting Text book.
7. List the factors that influence Evaluation.
8. What is Formative Evaluation.

PART-B

Answer any **4** questions 4 X 3 = 12 Marks

9 (a) How does Role Play help in learning English.

Or

(b) What is Remedial Teaching.

10 (a) Give examples of Tenses and Question tags.

Or

(b) State the uses of Scoring Key.

11(a) What is Micro teaching.

Or

(b) State the objectives of Teaching Poetry.

12.(a) What is Summative Assessment.

. Or

(b) What are Achievement title?

PART – C

Answer any **4** questions 4 X 5 = 20 Marks

13.(a) Explain Structural Approach.

Or

(b) Discuss the qualities of a Good Test.

14. (a) Discuss the activities to develop speaking skills

Or

(b) Explain types of Evaluation.

15. (a) Explain steps to teach Poetry.

Or

(b) Explain the steps to teach Prose.

16. (a) Explain types of Evaluation.

Or

(b) Explain design of Scholastic Achievement Test.

DEPARTMENT OF TECHNICAL EDUCATION
STATE BOARD OF TECHNICAL EDUCATION & TRAINING (TS)

Course Title: METHODS OF TEACHING HOME SCIENCE	Course Code: 18 **HS-503C**
Semester: **V**	Corse/ Elective: CORE
Teaching Scheme(L:T:P): **Theory 50 Minutes (00**)	Credits: **4 Credits**
Type of Course: **Theory**	Total Contact Hours: **60 Hours**
CIE: **60 Marks**	SEE: **40 Marks**

Course Content and Blue Print of Marks for SEEMETHODS OF TEACHING HOME SCIENCE18HS-503
Legend: R: Remembering, U: Understanding A: Applying

Exp. No	**Experiment Name**	**Periods**	**Questions to be set for SEE**			**Marks weightage**	**Weightage (%)**
			R	**U**	**A**		
01	Introduction	10	**1**	**1**	**-**	**7**	**6.3%**
02	Process of Teaching	12	**1**	**-**	**1**	**12**	**10.9%**
03	Audio Visual Aids	10	**1**	**1**	**-**	**7**	**6.3%**
04	Structure, components and methods of Teaching Home Science.	08	**1**	**1**	**1**	**17**	**15.4%**
05	Curricular, Co-Curricular Activities	10	**3**	**2**	**2**	**36**	**32.7%**
06	Evaluation	10	**3**	**2**	**2**	**36**	**32.7%**
	TOTAL	**60**	**10**	**6**	**6**	**110**	**100%**

	COURSE OUT COME
CO1	Explain factors of teaching and learning process and maxims of teaching.
CO2	Explain the meaning pre requisites value and steps for preparation of lesson plan.
CO3	Explain the meaning, uses and kinds of Audio visual Aids.
CO4	Explain concept scope and structure of components and methods of teaching of Home science. Explain the meaning, importance of library & Time Table.
CO5	Explain the meaning, importance and selection of curricular and Co curricular activities.
CO6	Explain the meaning, importance, principles and techniques of Evaluation.

COURSE CONTENT:

Units-I **Duration Periods-10**

INTRODUCTION: Definition of Teaching, Factors of teaching and learning Process–Maxims Of Teaching.

Units-II **Duration Periods-12**

PROCESS OF TEACHING: Meaning of lesson plan, Pre-requisites or factors of Lesson plan, Values of lesson plan, preparation of lesson plan steps–Introduction, Declaration, Presentation (generalization and Application) Recapitulation and assignment.

Units-III **Duration Periods-10**

AUDIOVISUAL AIDS: Meaning, Uses, Kinds of Audio Visual aids– Charts, Black Board, Tape recorder, Radio and T.V. etc. and their advantages.

Units-IV **Duration Periods-10**

CURRICULAR, CO–CURRICULAR ACTIVITIES: Meaning, Importance, Selection, Organization and course content in the curriculum. Types of Co- Curricular Activities and Importance of co- curricular activities in all round development.

Units- V **Duration Periods-08**

STRUCTURE, COMPONENTS AND METHODS OF TEACHING SCIENCE: Introduction to the five streams in home science**.** Importance and relevance of the study of home science and career options in home science. Lecture method(Advantages and Limitations) Question and Answer method – (Advantages and Disadvantages) Demonstration method (Advantages and Disadvantages) Experimental method (Advantages and Disadvantages) Library- Introduction, Meaning of library, Aims of library, Advantages of library, Equipment used in the library, cataloguing system, Class library system, subject library system. Time table- Introduction, Meaning.Importance.Principles.

Units-VI **Duration Periods-10**

EVALUATION: Meaning, Importance, Principles of good evaluation, Techniques of evaluation-Oral test, Essay type, Short answers and Objective type tests.

	COURSE OUT COME	CL	Linked PO	Teaching Hours
CO1	Explain factors of teaching and learning process and maxims of teaching.	R/U/A	1,2	05
CO2	Explain the meaning value and steps for preparation of lesson plan.	R/U/A	2	08
CO3	Explain the meaning uses and kinds of Audio visual Aids.	R/U/A	2,10	08
CO4	Explain concept scope and structure andmethods of teaching Home science. Explain the meaning, importance of library & Time Table.	R/U/A	2	08
CO5	Explain the meaning, importance and selection of curricular and Co curricular activities.	R/U/A	2,5,10	08
CO6	Explain the meaning, importance principles and techniques of Evaluation.	R/U/A	2	08

CO-PO Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	Mapped POs
CO1	y	y			y						PO1,PO2,PO5
CO2		y									PO2
CO3		y			y					y	PO2, PO5, PO10
CO4		y									PO2
CO5		y			y					y	PO2, PO5, PO10
CO6		y									PO2

Suggested Learning Outcomes: After completion of this course, the student should be able to:

INTRODUCTION:

- Definition of Teaching.
- Explain Factors of teaching and learning Process–MaximsOfTeaching.

PROCESS OF TEACHING:

- Explain Meaning of lesson plan, Pre-requisites or factors of Lesson plan.
- Explain Values of lesson plan, preparation of lesson plan steps–IntroductionDeclaration, Presentation (generalization and Application) Recapitulation and assignment.

AUDIOVISUAL AIDS:

- Explain Meaningand Uses of audio visual aids .
- Explain Kinds of Audio Visual aids– Charts, Black Board,Tape recorder, Radio and T.V.

and their advantages.

STRUCTURE, COMPONENTS AND METHODS OF TEACHING SCIENCE:

- Explain Introduction to the five streams in home science**.**
- Explain Importance and relevance of the study of home science and career options in home science. Lecture method and their Advantages and Limitations
- ExplainQuestion and Answer method –theirAdvantages and Disadvantages
- Explain Demonstration method and their Advantages and Disadvantages
- Explain Experimental method and their Advantages and Disadvantages.
- Explain Library- Introduction, Meaning of library, Aims of library, Advantages of library, Equipment used in the library, cataloguing system, Class library system, subject library system.
- Explain Time table- Introduction, Meaning. Importance. Principles.

CURRICULAR, CO–CURRICULAR ACTIVITIES:

- Explain Meaning, Importance, Selection, Organization and course content in the curriculum.
- Explain Types of Co- Curricular Activities.
- Explain Importance of co- curricular activities in all round development.

EVALUATION:

- Explain Meaning and Importance,
- Explain Principles of good evaluation,
- Explain Techniques of evaluation-Oral test, Essay type, Short answers and Objective type tests.

REFERENCE BOOKS:

1. Prof. B. C. Rai**Techniques of Teaching,**

Published by Prakashan Kendra.Year-1988.

2. J.C. Agarwal**Principles, Methods and Techniques of Teaching,**

Vikas Publishing house Pvt.,Ltd Year-1996.

3. Arvinda Chandra **Fundamentals of Home Science,**

Anupamashah Uma Sterling Publishers Private Ltd. Year-1995.

4. B.N. dash **Teaching of Home Science,**

K. Dash Published by Ajanta Prakashan, Year-1986-1987.

5. Bhatia And Bhatia Doaba House, Book SellarsAnd publishers, 1688.

Naisarak, Delhi-6.

METHODS OF TEACHING HOME SCIENCE,18HS-503C
MID SEM I EXAMINATION PATTERN

Duration : 1 Hour. Total Marks: 20

.

PART-A **Marks: 4x1 = 4M.**

Note : (i) Answerall four questions.

(ii) Each question carries 01 marks.

1 Define Teaching
2 Why should Teachers Encourage Self study
3 State the meaning of Lesson Plan.
4 What are the Pre requisites of Lesson Plan

PART-B **Marks: 2 x 3 = 6M.**

Note : (i) Answer any two questions out of four question.

(ii) Each question carries 03 marks

5(a) What are the values of good Lesson Plan.

Or

(b) State the difference between Recapitulation and Application.

6(a) Give examples of how the Teacher proceeds from known to unknown

Or

(b) How does Teaching help the Child to adjust to the Environment

PART-C **Marks: 2 x 05 = 10M.**

Note : (i) Answer any two questions out of four question.

(ii) Each question carries 03 marks

7(a) Explain the aims of Teaching.

Or

(b) Explain any Five maxims of Teaching.

8 (a) Explain the merits of Lesson plan.

Or

(b) Explain the importance of Lesson Plan

METHODS OF TEACHING HOME SCIENCE,18HS-503C

MID SEM II EXAMINATION PATTERN

Duration : 1 Hour. Total Marks: 20

.

PART-A **Marks: 4x1 = 4M.**

Note : (i) Answerall four questions.

(ii) Each question carries 02 marks.

1. Define Audio Visual Aids.
2. How Charts help in Teaching.
3. State the use of Developing Questions.
4. What is Lecture Method.

PART-B **Marks: 2 x 3 = 6M.**

Note : (i) Answera any two questions out of four question.

(ii) Each question carries 03 marks

5 State the uses of Audio visual aids.

Or

(b) How do Excursions help the Children.

6 (a) What are the characteristics of Good answers.

Or

(b) State the purpose of Introductory Questions

PART-C **Marks: 2 x 05 = 10M.**

Note : (i) Answer any two questions out of four question.

(ii) Each question carries 5 marks

7 (a) Explain Visual aids in detail.

Or

(b) Discuss the advantages of Audio Visual Aids.

8. (a) Explain the advantages and limitations of Question Answers method.

Or

(b) Explain Demonstration Method.

METHODS OF TEACHING HOME SCIENCE,18HS-503C
MODEL SEMESTER END EXAMINATION

Duration : 2Hour. Total marks: 40.

PART – A

Answer all questions. 8 X 1= 8 Marks

1. Define Teaching.
2. Define Audio Visual aids.
3. List activities for Cultural development.
4. Classify Audio Visual aids.
5. State the meaning of Curriculum.
6. What is Experience Centered Curriculum.
7. State the meaning of Evaluation.
8. State the purpose of oral tests.

PART-B

Answer any **4** questions 4 X 3 = 12 Marks

9. (a) How does teaching help the Child to adjust to the Environment.

Or

(b) State the difference between Curriculum and Cocurriculum.

10.(a) State the purpose of Introductory Questions.

Or

(b) State the advantages of Essay type Questions.

11. (a) State the drawbacks in organizing Co-curricular activities in Schools.

Or

(b) State suggestions for the development of Co-curricular activities.

12. (a) State the objective of Short answer Questions.

. Or

(b) State the purpose of Oral test

PART – C

Answer any **4** questions 4 X 5 = 20 Marks

13 (a) Explain aims of Teaching.

Or

(b) Explain the types of Co-curricular activities in Schools.

14. (a) Explain Visual aids in detail.

Or

(b) Explain the difference between Objective and Essay based Evaluation.

15. (a) Explain the importance of Curriculum.

Or

(b) Explain the importance of Co-curricular activities in Schools.

16. (a) Discuss construction of Unit Test.

Or

(b) Explain the importance of Evaluation.

DEPARTMENT OF TECHNICAL EDUCATION
STATE BOARD OF TECHNICAL EDUCATION & TRAINING (TS)

Course Title: **TRENDS IN FABRIC AND FASHION**	Course Code: 18 **HS-504 A**
Semester: **V**	Corse/ Elective: CORE
Teaching Scheme(L:T:P): **Theory 50 Minutes (00**)	Credits: **4 Credits**
Type of Course: **Theory**	Total Contact Hours: **60 Hours**
CIE: **60 Marks**	SEE: **40 Marks**

Course Content and Blue Print of Marks for SEEMETHODS OF TEACHING HOME SCIENCE18HS-503
Legend: R: Remembering, U: Understanding A: Applying

Exp. No	**Experiment Name**	**Periods**	**Questions to be set for SEE**			**Marks weightage**	**Weightage (%)**
			R	**U**	**A**		
01	Introduction In Garment Designing	10	**1**	**1**	**-**	**7**	**6.3%**
02	Pattern designing and commercial patterns	12	**1**	**-**	**1**	**12**	**10.9%**
03	Pattern grading	10	**1**	**1**	**-**	**7**	**6.3%**
04	Supporting materials	08	**1**	**1**	**1**	**17**	**15.4%**
05	Other supporting materials	10	**3**	**2**	**2**	**36**	**32.7%**
06	Recent trends in apparel industry	10	**3**	**2**	**2**	**36**	**32.7%**
	TOTAL	**60**	**10**	**6**	**6**	**110**	**100%**

	COURSE OUT COME
CO1	Explain about Role of color, Texture, other art principles in garment designing, Explain about other art principles in garment designing.
CO2	Explain about the principles of Drafting and Draping, Explain about Flat pattern designing
CO3	Explain about the grading techniques . Explain the methods of grading, Discuss the different machines used for grading.
CO4	Explain about different types of supporting materials .state the importance of supporting materials . Explain about types of lining,
CO5	Explain about types of materials , Explain about interlining and linings, Explain about Trimmings, Explain about the uses of interlining in garments .
CO6	Explain about the organization and operation of fabric industry .Discuss the trends in textiles fabrics, Explain about the micro fiber

COURSE CONTENT:

Units-I **Duration Periods-10**

INTRODUCTION IN GARMENT DESIGNING .

Define silhouette, types of garment designing.Explain about Role of colour, Texture, other art principles in garment designing, Explain about other art principles in garment designing

Units-II **Duration Periods-12**

PATTERN DESIGNING AND COMMERCIAL PATTERNS

Explain about the principles of Drafting and Draping, Explain about Flat pattern designing , Explain about merits and demerits of patterns, Explain about commercial patterns .

Units-III **Duration Periods-10**

PATTERN GRADING

Definition of pattern grading , State the importance of pattern grading. Explain about the principles of grading. Explain about the grading techniques . Explain the methods of grading,Discuss the different machines used for grading.

Units-IV **Duration Periods-10**

SUPPORTING MATERIALS

Definition of supporting material &lining ,Explain about different types of supporting materials . state the importance of supporting materials . Explain about types of lining, Explain about characteristics of linins, Explain about Fibers used in lining fabrics .

Units- V **Duration Periods-08**

OTHER SUPPORTING MATERIALS

Define the term shoulder pads, Explain about types of materials , Explain about interlining and linings, Explain about Trimmings, Explain about the uses of interlining in garments .

Units-VI **Duration Periods-10**

RECENT TRENDS IN APPAREL INDUSTRY

Define trends. Explain about the organization and operation of fabric industry .Discuss the trends in textiles fabrics, Explain about the micro fiber. Discuss about the properties of micro fibers and fabrics .

	COURSE OUT COME	CL	Linked PO	Teaching Hours
CO1	Explain about Role of colour, Texture, other art principles in garment designing, Explain about other art principles in garment designing.	R/U/A	1,2	05
CO2	Explain about the principles of Drafting and Draping, Explain about Flat pattern designing	R/U/A	2	08
CO3	Explain about the grading techniques . Explain the methods of grading, Discuss the different machines used for grading.	R/U/A	2,10	08
CO4	Explain about different types of supporting materials .state the importance of supporting materials . Explain about types of lining,	R/U/A	2	08
CO5	Explain about types of materials , Explain about interlining and linings, Explain about Trimmings, Explain about the uses of interlining in garments .	R/U/A	2,5,10	08
CO6	Explain about the organization and operation of fabric industry .Discuss the trends in textiles fabrics, Explain about the micro fiber	R/U/A	2	08

CO-PO Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	Mapped POs
CO1	y	y			y						PO1,PO2,PO5
CO2		y									PO2
CO3		y			y					y	PO2, PO5, PO10
CO4		y									PO2
CO5		y			y					y	PO2, PO5, PO10
CO6		y									PO2

Suggested Learning Outcomes: After completion of this course, the student should be able to:

INTRODUCTION IN GARMENT DESIGNING .

- Define silhouette.
- Types of garment designing.
- Explain about Role of colour, Texture, other art principles in garment designing.
- Explain about other art principles in garment designing

PATTERN DESIGNING AND COMMERCIAL PATTERNS

- Explain about the principles of Drafting and Draping,
- Explain about Flat pattern designing .
- Explain about merits and demerits of patterns,.
- Explain about commercial patterns .

PATTERN GRADING

- Definition of pattern grading .
- State the importance of pattern grading.
- Explain about the principles of grading.
- Explain about the grading techniques .
- Explain the methods of grading,
- Discuss the different machines used for grading.

SUPPORTING MATERIALS

- Definition of supporting material & lining .
- Explain about different types of supporting materials .
- State the importance of supporting materials .
- Explain about types of lining.
- Explain about characteristics of linins,
- Explain about Fibres used in lining fabrics .

OTHER SUPPORTING MATERIALS

- Define the term shoulder pads,
- Explain about types of materials .
- Explain about interlining and linings,.

- Explain about Trimmings.
- Explain about the uses of interlining in garments .

RECENT TRENDS IN APPAREL INDUSTRY

- Define trends.
- Explain about the organization and operation of fabric industry .
- Discuss the trends in textiles fabrics.
- Explain about the micro fiber.
- Discuss about the properties of micro fibers and fabrics .

TRENDS IN FABRIC AND FASHION ,18HS-504 A
MID SEM I EXAMINATION PATTERN

Duration : 1 Hour. Total Marks: 20

.

PART-A **Marks: 4x1 = 4M.**

Note : (i) Answer all four questions.

(ii) Each question carries 1 marks.

1. Define silhouette?
2. What is a design?
3. List any two merits if patterns.
4. List any two demerits of pattern.

PART-B **Marks: 2 x 3 = 6M.**

Note : (i) Answer all two questions out of four question.

(ii) Each question carries 03 marks

5 A) Explain different types of garment designing.

(or)

B) Explain the role of colour in garment designing

6 A) Explain the principles of drafting?

(or)

B) Explain the principles of draping

PART-C **Marks: 2 x 05 = 10M.**

Note : (i) Answerall two questions out of four question.

(ii) Each question carries 5 marks

7) A) Explain about art principles in designing?

(or)

B) Explain about garment designing

8) A) Explain the merits and demerits of patterns?

(or)

B) Explain about commercial patterns

TRENDS IN FABRIC AND FASHION ,18HS-504A

MID SEM II EXAMINATION PATTERN

Duration : 1 Hour. Total Marks: 20

.

PART-A **Marks: 4x1 = 4M.**

Note : (i) Answer all four questions.

(ii) Each question carries 01 marks.

1. Define pattern grading?
2. Mention any two methods of grading.
3. What are supporting materials?
4. Mention any four types of lining?

PART-B **Marks: 2 x 3 = 6M.**

Note : (i) Answer any two questions out of four question.

(ii) Each question carries 3 marks

5(A) Explain the importance of pattern grading.

(or)

(B) Explain the techniques of pattern grading.

6 (A) Explain the importance of supporting materials

(or)

(B) Explain different types of lining.

PART-C **Marks: 2 x 05 = 10M.**

Note : (i) Answerall two questions out of four question.

(ii) Each question carries 5 marks

7) a). Explain the different methods of pattern grading.

(or)

b). Explain the different machines used in pattern grading.

8) a) Explain different types of supporting materials.

(or)

b) Explain different fibers used in lining fabrics.

TRENDS IN FABRIC AND FASHION,18HS-504A

MODEL SEMESTER END EXAMINATION

Duration : 2Hour. Total marks: 40.

PART – A

Answer all questions. **8 X 1= 8 Marks**

1. Define silhouette?
2. Define pattern grading?
3. What are linings?
4. What are interlinings?
5. Define the term shoulder pad?
6. What are trimmings?
7. Define trends?
8. What are microfibers?

PART-B

Answer any 4 questions 4 X 3 = 12 Marks

9. (a) Explain the principles of drafting.

(or)

(b) Explain different types of interlinings used in garments.

10. (a) Explain the importance of pattern grading

(or)

(b) Explain about trends in textile fabrics

11. (a) Explain about linings and interlinings

(or)

(b) Explain different materials used in garments?

12.(a) Explain about apparel industry?

(or)

(b) What are the properties of microfiber? Explain.

PART – C

Answer any **4** questions 4 X 5 = 20 Marks

13 (a.) Explain about commercial patterns

(or)

(b.) Explain about different types of trimmings

14 (a.) Explain the importance of pattern grading.

(or)

(b.) Explain about trends in textile fibers.

15(a.) Explain about other supporting materials.

(or)

(b.) Explain about interlining, lining, trimming in garment.

16(a.) Explain about organization and operation of fabric industry.

(or)

(b.) Explain about microfibers and their properties.

DEPARTMENT OF TECHNICAL EDUCATION
STATE BOARD OF TECHNICAL EDUCATION & TRAINING (TS)

Course Title: **COMMUNITY NUTRITION**	Course Code: 18 **HS-504 B**
Semester: **V**	Corse/ Elective: CORE
Teaching Scheme(L:T:P): **Theory 50 Minutes (00**)	Credits: **4 Credits**
Type of Course: **Theory**	Total Contact Hours: **60 Hours**
CIE: **60 Marks**	SEE: **40 Marks**

Course Content and Blue Print of Marks for SEEMETHODS OF TEACHING HOME SCIENCE18HS-503
Legend: R: Remembering, U: Understanding A: Applying

Exp. No	**Experiment Name**	**Periods**	**Questions to be set for SEE**			**Marks weightage**	**Weightage (%)**
			R	**U**	**A**		
01	Importance of community nutrition	10	**1**	**1**	**-**	**7**	**6.3%**
02	Nutrition education	12	**1**	**-**	**1**	**12**	**10.9%**
03	Assessment of nutritional status	10	**1**	**1**	**-**	**7**	**6.3%**
04	Diet survey	08	**1**	**1**	**1**	**17**	**15.4%**
05	Major nutritional problem in India	10	**3**	**2**	**2**	**36**	**32.7%**
06	Infant and young child feeding practices.	10	**3**	**2**	**2**	**36**	**32.7%**
	TOTAL	**60**	**10**	**6**	**6**	**110**	**100%**

	COURSE OUT COME
CO1	Importance of community diets, public health nutrition, community health, categories of community nutrition
CO2	objectives of nutrition education, importance of nutritional education, methods and types of nutritional education, planning and implementation of Nutritional education programs, discuss few nutritional educational services, teaching aids used in Nutritional education.
CO3	Nutritional status, purpose of nutritional status, methods for observing nutritional status, description and precautions for clinical examination, assessments of nutritional status, anthropometric measurements
CO4	Importance of diet surveys, factors to be taken into consideration in conducting diet surveys, methods available for conducting diet survey, calculations of the nutritive value of diets, analysis of nutritional value, comparison of nutritional value.
CO5	Nutritional problems in India, causes of nutritional problems, PEM, vitamin A deficiency, anemia, IDD, etc, signs of nutritional problems, symptoms of nutritional problems, prevention of nutritional problems through national nutritional inventor programme, prevention of nutritional problems through improving daily dietary intake, prevention of nutritional problem through ICDS, nutritional services provided by government, intervention program
CO6	Importance of infant and young child feeding, production and intake of breast milk, breast conditions, complementary feeding, foods to fill the nutrient gap, quantity, variety and frequency of complimentary feeding, breast feeding by working women

COURSE CONTENT:

Units-I **Duration Periods-10**

IMPORTANCE OF COMMUNITY NUTRITION

Explain the importance of community diets**,** Explain about public health nutrition, Explain community health., Describe the categories of community nutrition.

Units-II **Duration Periods-12**

NUTRITION EDUCATION

Discuss the objectives of nutrition education , Explain the importance of nutritional education Explain methods and types of nutritional education, Describe planning and

implementation ofnutritional education programmers, Discuss few Nutritional educational services, Discuss few teaching aids used in nutritional education .

Units-III **Duration Periods-10**

ASSESSMENT OF NUTRITIONAL STATUS

What is meant by nutritional status , Explain the purpose of Nutritional status, Explain the methods for observing nutritional status, Explain the description and precautions for clinical examination, Explain the assessments of nutritional status, Explain anthropometric measurements

Units-IV **Duration Periods-10**

DIET SURVEY

Explain the importance of diet surveys , Explain the factors to be taken into consideration in conducting diet surveys , Explain the methods available for conducting diet survey, Explain the calculation of the nutritive value of diets , Explain the analysis of nutritional value, Explain the comparison of nutritional value.

Units- V **Duration Periods-08**

MAJOR NUTRITIONAL PROBLEMS IN INDIA

Discuss few nutritional problems in India, PEM, vitamin A deficiency, anemia, IDD, etc , Discuss few cause of nutritional problems or determinants of malnutrition problems , Discuss few signs of nutritional problems , Explain few symptoms of nutritional problems, Explain the prevention of nutritional problem through national nutritional invention programmers, Explain the prevention of nutritional problem through improving daily dietary intake, Explain the prevention of nutritional problem through ICD, Explain the nutritional services provided by government , Explain intervention program.

Units-VI **Duration Periods-10**

INFANT AND YOUNG CHILD FEEDING PRACTICES.

Explain the importance of infant and young child feeding practices , Explain about the production and intake of breast milk , Discuss about the breast conditions , Explain complementary feeding, foods to fill the nutrient gap , Explain about quantity, variety and frequency of complimentary feeding , Explain breast feeding by working women

	COURSE OUT COME	CL	Linked PO	Teaching Hours
CO1	Importance of community diets, public health nutrition, community health, categories of community nutrition	R/U/A	1,2	05
CO2	objectives of nutrition education, importance of nutritional education, methods and types of nutritional education, planning and implementation of Nutritional education programs, discuss few nutrional educational services, teaching aids used in Nutritional education.	R/U/A	2	08
CO3	Nutritional status, purpose of nutrional status, methods for observing nutritional status, description and precautions for clinical examination, assessments of nutritional status, anthropometric measurements	R/U/A	2,10	08
CO4	Importance of diet surveys, factors to be taken into consideration in conducting diet surveys, methods available for conducting diet survey, calculations of the nutritive value of diets, analysis of nutritional value, comparison of nutritional value.	R/U/A	2	08
CO5	Nutritional problems in India, causes of nutritional problems, PEM, vitamin A deficiency, anemia, IDD, etc, signs of nutritional problems, symptoms of nutritional problems, prevention of nutritional problems through national nutritional inventor programme, prevention of nutritional problems through improving daily dietary intake, prevention of nutritional problem through ICDS, nutritional services provided by government, intervention program	R/U/A	2,5,10	08
CO6	Importance of infant and young child feeding, production and intake of breast milk, breast conditions, complementary feeding, foods to fill the nutrient gap, quantity, variety and frequency of complimentary feeding, breast feeding by working women	R/U/A	2	08

CO-PO Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	Mapped Pos
CO1	y	Y			y						PO1,PO2,PO5
CO2		Y									PO2
CO3		Y			y					y	PO2, PO5, PO10
CO4		Y									PO2
CO5		Y			y					y	PO2, PO5, PO10
CO6		Y									PO2

Suggested Learning Outcomes: After completion of this course, the student should be able to:

IMPORTANCE OF COMMUNITY NUTRITION

- Explain the importance of community diets.
- Explain about public health nutrition.
- Explain community health.
- Describe the categories of community nutrition.

NUTRITION EDUCATION

- Discuss the objectives of nutrition education.
- Explain the importance of nutritional education.
- Explain methods and types of nutritional education
- Describe planning and implementation of NE programmes.
- Discuss few Nutritional educational services.
- Discuss few teaching aids used in NE.

ASSESSMENT OF NUTRITIONAL STATUS

- What is meant by nutritional status.
- Explain the purpose of Nutritional status.
- Explain the methods for observing nutritional status.
- Explain the description and precautions for clinical examination.
- Explain the assessments of nutritional status.
- Explain anthropometric measurements.

DIET SURVEY

- Explain the importance of diet surveys.
- Explain the factors to be taken into consideration in conducting diet surveys.
- Explain the methods available for conducting diet survey.

- Explain the calculation of the nutritive value of diets.
- Explain the analysis of nutritional value.
- Explain the comparison of nutritional value.

MAJOR NUTRITIONAL PROBLEMS IN INDIA

- Discuss few nutritional problems in India, PEM, vitamin A deficiency, anameia, IDD, etc
- Discuss few cause of n problems or determinants of malnutrition problems. .
- Discuss few signs of nutritional problems.
- Explain few symptoms of nutritional problems.
- Explain the prevention of nutritional problem through national nutritional invention programmes.
- Explain the prevention of nutritional problem through improving daily dietary intake.
- Explain the prevention of nutritional problem through ICDS.
- Explain the nutritional services provided by government.
- Explain intervention program

INFANT AND YOUNG CHILD FEEDING PRACTICES.

- Explain the importance of infant and young child feeding practices
- Explain about the production and intake of breast milk.
- Discuss about the breast conditions.
- Explain complementary feeding, foods to fill the nutrient gap.
- Explain about quantity, variety and frequency of complimentary feeding.
- Explain breast feeding by working women.

COMMUNITY NUTRITION,18HS-504 B
MID SEM I EXAMINATION PATTERN

Duration : 1 Hour. Total Marks: 20

.

PART-A **Marks: 4x1 = 4M.**

Note : (i) Answer all four questions.

(ii) Each question carries 02 marks.

1. Name the goal of Community Nutrition.
2. What is Public Health Nutrition.
3. Name the channels of Nutrition Education.
4. Name the Teaching Aids for Nutrition Education

PART-B **Marks: 2 x 3 = 6M.**

Note : (i) Answerall two questions out of four question.

(ii) Each question carries 03 marks

5 . a)What is Community Health?

b) Write the different categories of Community Nutrition

6. a) Write the Objectives of Nutrition Education

b) Write about Lecture and Demonstrations in Nutrition Education.

PART-C **Marks: 2 x 05 = 10M.**

Note : (i) Answerall two questions out of four question.

(ii) Each question carries 03 marks

7 a) Explain the importance of Community Nutrition in improving the Nutritional Status of Individuals.

b) Write the determinants or factors affecting Community health.

8. a) Explain Nutrition Education Methods.

b) Discuss about teaching Aids in Nutrition Education.

COMMUNITY NUTRITION,18HS-504B

MID SEM II EXAMINATION PATTERN

Duration : 1 Hour. Total Marks: 20

.

PART-A **Marks: 4x1 = 4M.**

Note : (i) Answerall four questions.

(ii) Each question carries 02 marks.

1. Name the sensitive indications of Nutritional Status.
2. In what way taking Arm Circumference is useful.
3. What is Questionnaire method of Diet Survey

PART-B **Marks: 2 x 3 = 6M.**

Note : (i) Answerall two questions out of four question.

(ii) Each question carries 03 marks

5 . a) Define Nutritional Status

b) Mention the methods of assessing Nutritional Status in Children

6. a) What are the factors to be taken into consideration in conducting Diet Survey?

b) Write the uses of Diet Surveys.

PART-C **Marks: 2 x 05 = 10M.**

Note : (i) Answerall two questions out of four question.

(ii) Each question carries 03 marks

7 a) Explain how will you assess Nutritional Status

b) Explain Clinical Examination or Assessment of Nutritional Status

8. a) Explain the methods of Diet Survey, Weighment of Raw food and Weighment of Cooked food.

b) Explain the calculation of Nutritive Value of Diet

COMMUNITY NUTRITION,18HS-504B

MODEL SEMESTER END EXAMINATION

Duration : 2Hour. Total marks: 40.

PART – A

Answer all questions. 8 X 1= 8 Marks

1.What is the goal of Community Nutrition.

2. Name few methods of assessing Nutritional status.

3. Name two major nutritional problems of Children in India.

4. Name two Teaching Aids for Nutrition education.

5. Name the services available in ICDS.

6. Write the consequences of I D D in Pregnant Woman.

7. Name the Hormones of Milk Production.

8. Name the types of Complimentary foods.

PART-B

Answer any **4** questions 4 X 3 = 12 Marks

9 . a) Write how Radio and Television can help in Nutrition Education.

b) Write the Signs and Symptoms of Kwashiorkar.

10. a) Write about how you measure Height of Children.

b) Name four problems in Breast condition.

11 a) Explain how you can prevent and improve the nutritional Anaemia among Woman in India.

b) Write the causes for Iodine deficiency disorders.

12 a) Write the importance of Infant and Young Child Feeding.

b) Write the amount of Foods to be offered to 8 to 9 months old Infant , name four recipes..

PART – C

Answer any **4** questions 4 X 5 = 20 Marks

13 a) Explain about Nutrition Education methods.

b) Explain the Nutritional Services provided by Government of India.

14. a) Explain the different methods of Diet Surveys.

b) Discuss the points to be considered while giving Complementary foods to Infants and Children

15 a) Explain the causes , Signs and Symptoms of Marasmus and write five recipes to improve the condition.

b) Explain the Signs and symptoms of Iron deficiency Anemia and write five recipes to improve their condition.

16 a) Explain the advantages of Breast feeding to the baby as well as Mother.

b) Explain the Key or Messages of I Y C F in improving the Nutritional Status of Children in India .

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DEPARTMENT OF TECHNICAL EDUCATION
STATE BOARD OF TECHNICAL EDUCATION & TRAINING (TS)

Course Title:**APPAREL MANUFACTURING TECHNOLOGY**	Course Code: 18 **HS-505 A**
Semester: **V**	Corse/ Elective: CORE
Teaching Scheme(L:T:P): **Theory 50 Minutes (00**)	Credits: **4 Credits**
Type of Course: **Theory**	Total Contact Hours: **60 Hours**
CIE: **60 Marks**	SEE: **40 Marks**

Course Content and Blue Print of Marks for SEEMETHODS OF TEACHING HOME SCIENCE18HS-503
Legend: R: Remembering, U: Understanding A: Applying

Exp. No	**Experiment Name**	**Periods**	**Questions to be set for SEE**			**Marks weightage**	**Weightage (%)**
			R	**U**	**A**		
01	Introduction	10	**1**	**1**	**-**	**7**	**6.3%**
02	Garment manufacturing technology	12	**1**	-	**1**	**12**	**10.9%**
03	Major departments in clothing industry	10	**1**	**1**	**-**	**7**	**6.3%**
04	Cutting, Production and Marketing departments	08	**1**	**1**	**1**	**17**	**15.4%**
05	Finance and purchase department.	10	**3**	**2**	**2**	**36**	**32.7%**
06	Quality control department	10	**3**	**2**	**2**	**36**	**32.7%**
	TOTAL	**60**	**10**	**6**	**6**	**110**	**100%**

	COURSE OUT COME
CO1	Definitions of apparel and textile, factors influencing apparel business, organizational structure of apparel industry.
CO2	Basic types of apparel production,preparation for sewing, types of sewing machinery,classification of sewing machines,basic sewing machines and shapes.
CO3	History of clothing technology, design department, classification of clothing industry.
CO4	Basic types of cutting machines, layout, different types of layouts, manufacturing functions, service and control functions, marketing, marketing, merchandising, merchandising and sales.
CO5	Management information, budget, budgeting, garment costing, role of administration, purchase department, functions of purchase department.
CO6	Quality, quality control department, types of quality department, quality audit and monitor, quality circles.

COURSE CONTENT:

Units-I **Duration Periods-10**

INTRODUCTION

Definitions of apparel and textile, Explain the factors influencing apparel business , Explain about the organizational structure of apparel industry.

Units-II **Duration Periods-12**

GARMENT MANUFACTURING TECHNOLOGY

Describe basic types of apparel production , Explain the preparation for sewing , Explain the different types of sewing machinery **,**Explain the classification of sewing machines , Explain basic sewing machines and shapes.

Units-III **Duration Periods-10**

MAJOR DEPARTMENTS IN CLOTHING INDUSTRY

Explain about the history of clothing technology, Explain about design department , Explain the classification of clothing industry.

Units-IV **Duration Periods-10**

CUTTING, PRODUCTION AND MARKETING DEPARTMENTS

Explain about basic types of cutting machines, Definition of layout , Explain about different types of layouts , Explain about manufacturing functions , Explain about service and control functions.Definition of marketing, Explain about marketing, Definition of merchandising, Explain about merchandising and sales.

Units- V **Duration Periods-08**

FINANCE AND PURCHASE DEPARTMENT

Explain about management information, Definition of budget, Describe about budgeting, Explain about garment costing, Explain about role of administration, Explain about purchase department, Describe the functions of purchase department.

Units-VI **Duration Periods-10**

QUALITY CONTROL DEPARTMENT

Define quality, Explain about quality control department ,Discuss the types of quality department, Explain quality audit and monitor, Explain about quality circles.

	COURSE OUT COME	CL	Linked PO	Teaching Hours
CO1	Definitions of apparel and textile, factors influencing apparel business, organizational structure of apparel industry.	R/U/A	1,2	05
CO2	Basic types of apparel production, preparation for sewing, types of sewing machinery, classification of sewing machines ,basic sewing machines and shapes.	R/U/A	2	08
CO3	History of clothing technology, design department, classification of clothing industry.	R/U/A	2,10	08
CO4	Basic types of cutting machines, layout, different types of layouts, manufacturing functions, service and control functions, marketing, marketing, merchandising, merchandising and sales.	R/U/A	2	08
CO5	Management information, budget, budgeting, garment costing, role of administration, purchase department, functions of purchase department.	R/U/A	2,5,10	08
CO6	Quality, quality control department, types of quality department, quality audit and monitor, quality circles.	R/U/A	2	08

CO-PO Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	Mapped POs
CO1	y	y			y						PO1,PO2,PO5
CO2		Y									PO2
CO3		Y			y					Y	PO2, PO5, PO10
CO4		Y									PO2
CO5		Y			y					Y	PO2, PO5, PO10
CO6		Y									PO2

Suggested Learning Outcomes: After completion of this course, the student should be able to:

INTRODUCTION

- Definitions of apparel and textile.
- Explain the factors influencing apparel business .
- Explain about the organizational structure of apparel industry.

GARMENT MANUFACTURING TECHNOLOGY

- Describe basic types of apparel production.
- Explain the preparation for sewing.
- Explain the different types of sewing machinery**.**
- Explain the classification of sewing machines.
- Explain basic sewing machines and shapes.

MAJOR DEPARTMENTS IN CLOTHING INDUSTRY

- Explain about the history of clothing technology.
- Explain about design department.
- Explain the classification of clothing industry.

CUTTING, PRODUCTION AND MARKETING DEPARTMENTS

- Explain about basic types of cutting machines.
- Definition of layout.
- Explain about different types of layouts.
- Explain about manufacturing functions.
- Explain about service and control functions.
- Definition of marketing.
- Explain about marketing.
- Definition of merchandising.
- Explain about merchandising and sales.

FINANCE AND PURCHASE DEPARTMENT

- Explain about management information.
- Definition of budget.
- Describe about budgeting.
- Explain about garment costing.
- Explain about role of administration.
- Explain about purchase department.
- Describe the functions of purchase department.

QUALITY CONTROL DEPARTMENT

- Define quality.
- Explain about quality control department.
- Discuss the types of quality department.
- Explain quality audit and monitor.
- Explain about quality circles.

APPERAL MANUFACTURING TECHNOLOGY, 18HS-505 A
MID SEM I EXAMINATION PATTERN APPERAL MANUFACTURING TECHNOLOGY, 18HS-505 A

Duration : 1 Hour. Total Marks: 20

.

PART-A **Marks: 4x1 = 4M.**

Note : (i) Answerall four questions.

(ii) Each question carries 01 marks.

1. Define product?
2. Define merchandise?
3. What is meant by production?
4. What is a design?

PART-B **Marks: 2 x 3 = 6M.**

Note : (i) Answerall two questions out of four question.

(ii) Each question carries 03 marks

5 (A) Explain the role of a designer?

(OR)

(B) Explain about developing a design?

6 (A) Explain about production

(OR)

(B) Explain the role of a merchandiser?

PART-C **Marks: 2 x 05 = 10M.**

Note : (i) Answerall two questions out of four question.

(ii) Each question carries 05 marks

7) a) Explain the role of merchandiser and designer?

(OR)

b) Explain about different seasonal lines.

8) a) Explain about creative design concept.

(OR)

b) Explain about planning al line

APPERAL MANUFACTURING TECHNOLOGY, 18HS-505 A
MID SEM II EXAMINATION PATTERN

Duration : 1 Hour. Total Marks: 20

.

PART-A **Marks: 4x1 = 4M.**

Note : (i) Answerall four questions.

(ii) Each question carries 02 marks.

1. What is a brand?

2. Define a label?

3. What are pressing equipments in garment designing?

4. List any two methods of pressing.

PART-B **Marks: 2 x 3 = 6M.**

Note : (i) Answer any two questions out of four question.

(ii) Each question carries 03 marks

5 . (A) Explain about national brands.

(or)

(B) Explain about international brands

6 . (A) Explain about the classification of pressing equipment.

(or)

(B) Explain different steps in garment finishing.

PART-C **Marks: 2 x 05 = 10M.**

Note : (i) Answer any two questions out of four question.

(ii) Each question carries 03 marks

7) a).Explain about fashion brands and fashion lables.

(or)

b).Explain about national and international brands

8) a) Explain different types of pressing equipments.

(or)

b)Explain different categories of pressing in finshing technology

APPERAL MANUFACTURING TECHNOLOGY , 18HS-505 A

MODEL SEMESTER END EXAMINATION

Duration : 2Hour. Total marks: 40.

PART – A

Answer all questions. **8 X 1= 8 Marks**

1. What is meant by produvtion?
2. What are brands and labels?
3. What is quality control
4. Define the tern packing?
5. What is fusing?
6. What are adhesives?
7. Mention any two packing materials.
8. Mention any two packing forms.

PART-B

Answer any **4** questions 4 X 3 = 12 Marks

9 (a) Explain about production line.

or

(b) Explain about welding.

10(a) Explain about brands

or

(b) Explain about storage equipments.

11(a) Explain about quality control.

or

(b) Explain about methods of fusing.

12 (a) Explain about packing equipments

or

(b) Explain about types of packing forms.

PART – C

Answer any **4** questions 4 X 5 = 20 Marks

13(a) Explain the role of designer and merchandiser.

or

(b) Explain advance technologies of fabrication

14(a) Explain about classification of pressing in finishing technology

or

(b) Explain about national and international brands

15(a) Explain about finishing equipments

or

(b) Discuss principles of finishing technology

16(a) Explain about packing materials.

or

(b) Explain about packing and warehousing.

DEPARTMENT OF TECHNICAL EDUCATION
STATE BOARD OF TECHNICAL EDUCATION & TRAINING (TS)

Course Title:-**FAMILY AND COMMUNITY SERVICES**	Course Code: 18 **HS-505 B**
Semester: **V**	Corse/ Elective: CORE
Teaching Scheme(L:T:P): **Theory 50 Minutes (00**)	Credits: **4 Credits**
Type of Course: **Theory**	Total Contact Hours: **60 Hours**
CIE: **60 Marks**	SEE: **40 Marks**

Course Content and Blue Print of Marks for SEEMETHODS OF TEACHING HOME SCIENCE18HS-503
Legend: R: Remembering, U: Understanding A: Applying

Exp. No	**Experiment Name**	**Periods**	**Questions to be set for SEE**			**Marks weightage**	**Weightage (%)**
			R	**U**	**A**		
01	Culture and child development	10	**1**	**1**	**-**	**7**	**6.3%**
02	Marriage and family	12	**1**	**-**	**1**	**12**	**10.9%**
03	Family relationships	10	**1**	**1**	**-**	**7**	**6.3%**
04	Adult development and care of aged	08	**1**	**1**	**1**	**17**	**15.4%**
05	Housing and homelessness	10	**3**	**2**	**2**	**36**	**32.7%**
06	Family services and domestic violence	10	**3**	**2**	**2**	**36**	**32.7%**
	TOTAL	**60**	**10**	**6**	**6**	**110**	**100%**

	COURSE OUT COME
CO1	Factors effecting culture, climatic factors, economic factors, outside influences, industrialization, mobility, classification, influence of culture on child development, caste and religion, style of living, attitudes, child rearing practices, aspirations.
CO2	Importance of family, contributing factors of family stability, advantages of small family, advantages of a joint or large family, disadvantages of a joint family.
CO3	Factorsaffecting relationships, relationship between parents, grandparents and size of family , families, one child family, small size family, large size family, sibling relationships, factors influencing sibling relationships, parental attitudes, ordinal position, sex of siblings, age difference, number of siblings, influence of outsiders, effects of child rearing practices and relationship, parenting styles, indulgent parents, authoritarian parents, uninvolved parents.
CO4	Classification of adulthood, occupation, standard of living, basis of sex, environment conditions, nutrient requirements during adulthood, energy, protein, minerals, and vitamins , care of aged, physiological changes and psychological factors, biological factors, changes in enzymes secretion, changes in brain, changes in collage, immunological factors. .
CO5	categories of homelessness-primary and secondary, few basic challenges faced by orphans and old age people, government initiatives for homelessness, national alliances to end homelessness
CO6	Define domestic violence, causes and consequences of domestic violence in India, few laws to protect women from domestic violence Act 2005, rules in India against domestic violence, measures to be taken to prevent domestic violence .

COURSE CONTENT:

Units-I **Duration Periods-10**

CULTURE AND CHILD DEVELOPMENT .

Factors effecting culture, climatic factors, economic factors, outside influences, industrialization, mobility,Define classification , Explain influence of culture on child development, caste and religion, style of living, attitudes, child rearing practices, aspirations.

Units-II **Duration Periods-12**

MARRIAGE AND FAMILY

Explain the importance of family, Contributing factors of family stability, Explain advantages of small family, Explain advantages of a joint or large family, Explain the disadvantages of a joint family.

Units-III **Duration Periods-10**

FAMILY RELATIONSHIPS

Explain factors affecting relationships, relationship between parents, grand parents and size of family, Explain different typesof families, one child family, small size family, large size family, Explain about sibling relationships, factors influencing sibling relationships, parental attitudes, ordinal position, sex of siblings, age difference, number of siblings, influence of outsiders, Explain about the effects of child rearing practices and relationship, parenting styles, indulgent parents, authoritarian parents, uninvolved parents.

Units-IV **Duration Periods-10**

ADULT DEVELOPMENT AND CARE OF AGED

Explain classification of adulthood, occupation, standard of living, basis of sex, environment conditions, Explain nutrient requirements during adulthood, energy, protein, minerals, and vitamins, Explain the care of aged, physiological changes and psychological factors, biological factors, changes in enzymes secretion, changes in brain, changes in colleague, immunological factors.

Units- V **Duration Periods-08**

HOUSING AND HOMELESSNESS

Explain the categories of homelessness-primary and secondary, Discuss few basic challenges faced by orphans and lid age people , Explain about government initiatives for homelessness, Explain national alliances to end homelessness

Units-VI **Duration Periods-10**

FAMILY SERVICES AND DOMESTIC VIOLENCE

Define domestic violence, explain the causes and consequences of domestic violence in India, Discuss few laws to protect women from domestic violence Act 2005, Explain the rules in India against domestic violence, Explain the measures to be taken to prevent domestic violence.

	COURSE OUT COME	CL	Linked PO	Teaching Hours
CO1	Factors effecting culture, climatic factors, economic factors, outside influences, industrialization, mobility, classification, influence of culture on child development, caste and religion, style of living, attitudes, child rearing practices, aspirations.	R/U/A	1,2	05
CO2	Importance of family, contributing factors of family stability, advantages of small family, advantages of a joint or large family, disadvantages of a joint family.	R/U/A	2	08
CO3	Factors affecting relationships, relationship between parents, grandparents and size of family , families, one child family, small size family, large size family, sibling relationships, factors influencing sibling relationships, parental attitudes, ordinal position, sex of siblings, age difference, number of siblings, influence of outsiders, effects of child rearing practices and relationship, parenting styles, indulgent parents, authoritarian parents, uninvolved parents.	R/U/A	2,10	08
CO4	Classification of adulthood, occupation, standard of living, basis of sex, environment conditions, nutrient requirements during adulthood, energy, protein, minerals, and vitamins , care of aged, physiological changes and psychological factors, biological factors, changes in enzymes secretion, changes in brain, changes in collage, immunological factors. .	R/U/A	2	08
CO5	categories of homelessness-primary and secondary, few basic challenges faced by orphans and old age people, government initiatives for homelessness, national alliances to end homelessness	R/U/A	2,5,10	08
CO6	Define domestic violence, causes and consequences of domestic violence in India, few laws to protect women from domestic violence Act 2005, rules in India against domestic violence, measures to be taken to prevent domestic violence .	R/U/A	2	08

CO-PO Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	Mapped POs
CO1	y	y			y						PO1,PO2,PO5
CO2		y									PO2
CO3		y			y					Y	PO2, PO5, PO10
CO4		y									PO2
CO5		y			y					Y	PO2, PO5, PO10
CO6		y									PO2

Suggested Learning Outcomes: After completion of this course, the student should be able to:

CULTURE AND CHILD DEVELOPMENT .

- Factors effecting culture, climatic factors, economic factors, outside influences, industrialization, mobility.
- Define classification.
- Explain influence of culture on child development, caste and religion, style of living, attitudes, child rearing practices, aspirations.
-

MARRIAGE AND FAMILY

- Explain the importance of family.
- Contributing factors of family stability.
- Explain advantages of small family.
- Explain advantages of a joint or large family.
- Explain the disadvantages of a joint family.

FAMILY RELATIONSHIPS

- Explain factors affecting relationships, relationship between parents, grand parents and size of family .
- Explain different types of families, one child family, small size family, large size family.
- Explain about sibling relationships, factors influencing sibling relationships, parental attitudes, ordinal position, sex of siblings, age difference, number of siblings, influence of outsiders.
- Explain about the effects of child rearing practices and relationship, parenting styles, indulgent parents, authoritarian parents, uninvolved parents.

ADULT DEVELOPMENT AND CARE OF AGED

- Explain classification of adulthood, occupation, standard of living, basis of sex, environment conditions.
- Explain nutrient requirements during adulthood, energy, protein, minerals, andvitamins .
- Explain the care of aged, physiological changes and psychological factors, biological factors, changes in enzymes secretion, changes in brain, changes in collage, immunological factors.

HOUSING AND HOMELESSNESS

- Explain the categories of homelessness-primary and secondary.
- Discuss few basic challenges faced by orphans and ild age people.
- Explain about government initiatives for homelessness.
- Explain national alliances to end homelessness

FAMILY SERVICES AND DOMESTIC VIOLENCE

- Define domestic violence.
- Explain the causes and consequences of domestic violence in India.
- Discuss few laws to protect women from domestic violence Act 2005
- Explain the rules in India against domestic violence.
- Explain the measures to be taken to prevent domestic violence .

REFERENCE BOOKS:

1. **Text book of homescience by PremalathaMullick, third edition kalyani publishers, HYDERABAD.**

FAMILY AND COMMUNITY SERVICES, 18HS-505 B

MID SEM I EXAMINATION PATTERN

Duration : 1 Hour. Total Marks: 20

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PART-A **Marks: 4x1 = 4M.**

Note : (i) Answer all questions.

(ii) Each question carries 01 marks.

1. How does Industrialisation affect Culture
2. How does religious belief play an important part in Child development?
3. What is Modern family?
4. What is Nuclear family?

PART-B **Marks: 2 x 3 = 6M.**

Note : (i) Answerall two questions out of four question.

(ii) Each question carries 03 marks

5. a) Write about Child Rearing practices.

(OR)

b) Classify Culture

6. a) What are the changes trends in the Family?

(OR)

b) Discuss advantages of Joint family.

PART-C **Marks: 2 x 05 = 10M.**

Note : (i) Answer ANY two questions out of four question.

(ii) Each question carries 05 marks

7 a) Explain the influence of Culture on Child development

(OR)

b) Discuss how Climatic and Economic factors influence Culture

8 a) Explain the advantages of Large family7

(OR)

b) Discuss how Family is the most important Social Institution

FAMILY AND COMMUNITY SERVICES, 18HS-505 B

MID SEM II EXAMINATION PATTERN

Duration : 1 Hour. Total Marks: 20

.

PART-A **Marks: 4x1 = 4M.**

Note : (i) Answer all four questions.

(ii) Each question carries 01 marks.

1. List Parenting Styles
2. Write a note on Indulgent Parents?
3. Classify Energy requirements based on Occupation of the Person.
4. How does Climatic conditions influence Nutritional needs of Adults

PART-B **Marks: 2 x 3 = 6M.**

Note : (i) Answerall two questions out of four question.

(ii) Each question carries 03 marks

5 . a) State how Grand parents can influence a Family relationship.

(OR)

b) How does Age difference in Siblings influence their relationship?

6. a) State the Psychological factors of Aged People.

(OR)

b) Classify groups on basis of Standard of Living

PART-C **Marks: 2 x 05 = 10M.**

Note : (i) Answer ANY two questions out of four question.

(ii) Each question carries 05 marks

7 a) Discuss the important factors that cause wholesome relationship between the Parents.

(OR)

b) Discuss the Factors influencing Sibling Relationships

8. a) Explain the Menu plan for an Aged Woman of High Cost.

(OR)

b) Discuss the Physiological changes seen in Aged persons.

FAMILY AND COMMUNITY SERVICES, 18HS-505 B

MODEL SEMESTER END EXAMINATION

Duration : 2Hour. Total marks: 40.

PART – A

Answer all questions. **8 X 1= 8 Marks**

1. How does Industralisation affect Culture
2. What is Modern Family?
3. Classify Energy requirements based on Occupation of the Person.
4. List Parenting Styles.
5. List the problems faced by Old People.
6. List a few Orphanages.
7. Define Domestic Violence
8. List the Domestic Violence in Women.

PART-B

Answer any **4** questions 4 X 3 = 12 Marks

9. a) Write about Child Rearing Practices.

(OR)

b) What are the basic facilities provided in Old age homes?

10. a) State how Grand Parents can influence a Family relationship.

(OR)

b) How should Women protect themselves from Domestic Violence.

11 a) State Problems faced in Old age.

(OR)

b) Explain Categories of Homelessness

12 a) Explain the causes of Domestic Violence in India.

(OR)

b) Explain the rules in India against Domestic violence.

PART – C

Answer any **4** questions 4 X 5 = 20 Marks

13 a) Explain the Advantages of Large Family.

(OR)

b) Explain National Alliances to end Homelessness.

14. a) Discuss the Physiological changes seen in old age Persons.

(OR)

b) Discuss laws to protect Women from Domestic Violence Act 2005

15 a) Explain Government initiatives for Homelessness

(OR)

b) Discuss Challenges faced by Orphans

16 a) Explain the Consequences of Domestic Violence in India

(OR)

b) Explain the measures to be taken to prevent Domestic Violence.

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DEPARTMENT OF TECHNICAL EDUCATION
STATE BOARD OF TECHNICAL EDUCATION & TRAINING (TS)

Course Title: METHOD OF TEACHING HOME SCIENCE LAB PRACTICE	Course Code: 18 **HS-506P**
Semester: **V**	Corse/ Elective: CORE
Teaching Scheme(L:T:P): **Theory 50 Minutes (00**)	Credits: **4 Credits**
Type of Course: **Laboratory Course**	Total Contact Hours: **45 Hours**
CIE: **60 Marks**	SEE: **40 Marks**

Course Content and Blue Print of Marks for SEE: METHOD OF TEACHING HOME SCIENCE LAB PRACTICE 18HS-505

	COURSE OUT COME
CO1	Maxims and Importance of good teaching.
CO2	Preparation of Model lesson plans, various steps in writing lesson plan.
CO3	Teaching of model lesson following different steps.
CO4	Prepare Ten lesson plans (Five from theory and Five from practical lessons).
CO5	The following Teaching Aids must be Prepared and submitted for the final Examination. (1)Charts-2 (2) Lessonplans-2
CO6	Practice teaching written lesion plans. Three from theory and Three from practical planned lessons.

Exp. No	Experiment Name	Periods	Marks weightage	Weightage (%)
1	Introduction	5	**5**	**12.5%**
2	Model Lesson Plan	10	**5**	**12.5%**
3	Model Lesson	10	-	-
4	Writing of Lesson Plans	5	**10**	**25%**
5	Preparation of Teaching aids	5	**10**	**25%**
6	Teaching Practice	10	**10**	**25%**
	TOTAL	**45**	**40**	**100%**

COURSECONTENT:

UNITS-I **DURATION PERIODS-5**

INTRODUCTION: Maxims and Importance of good teaching.

UNITS-II **DURATION PERIODS-10**

MODELLESSONPLAN: Preparation of Model lesson plans, various steps in writing lesson plan.

UNITS-III **DURATION PERIODS-10**

MODEL LESSON: Teaching of model lesson following different steps.

UNITS-IV **DURATION PERIODS-5**

WRITING OF LESSON PLANS: Prepare Ten lesson plans (Five from theory and Five from practical lessons).

UNITS-V **DURATION PERIODS-5**

PREPARATIONOFTEACHINGAIDS: The following Teaching Aids must be Prepared and submitted for the final Examination. (1)Charts-2 (2) Lessonplans-2

UNITS-VI **DURATION PERIODS-10**

TEACHINGPRACTICE: Practice teaching written lesion plans. Three from theory and Three from practical planned lessons.

Note: (a)Allthe lessons for teaching should be taken from Home science topics.

(b)Each student should maintain a lesson plan manual and submit for the final Examination.

(c)Every lesson should have a teaching aid (charts, Flipcharts etc.,)

Course outcomes:

Course Outcome		Linked PO	Teaching Hours
CO1	Maxims and Importance of good teaching.	1,2,3,4,5,9,10	5
CO2	Preparation of Model lesson plans, various steps in writing lesson plan.	1,2,3,4,5,9,10	10
CO3	Teaching of model lesson following different steps.	1,2,3,4,5,9,10	10
CO4	Prepare Ten lesson plans (Five from theory and Five from practical lessons).	1,2,3,4,5,9,10	5
CO5	The following Teaching Aids must be Prepared and submitted for the final Examination. (1)Charts-2 (2) Lessonplans-2	1,2,3,4,5,9,10	5
CO6	Practice teaching written lesion plans. Three from theory and Three from practical planned lessons.	1,2,3,4,5,9,10	10

LEARNING OUTCOMES

Up on the completion of the course the student shall able to

- Preparation of Model lesson plans.
- Teaching of model lesson following different steps.
- Practice teaching written lesion plans

REFERENCEBOOKS:

1. Prof. B.C. Rai**Technique of Teaching,**

Prakashan Kendra, Lucknow-7, Year-1988.

2. J.C.Agarwal**Principles, Methods andTechniques of teaching,**

VikasPublishingHousepvt.Ltd.,Year-1996.

3. Aravinda Chandra **Fundamentals of Home Science,**

Anupama Shah, UmaJoshi Sterling Publishers pvt.Ltd. Year-1995.

4. B.N.Dash, K.Dash**Teaching of HomeScience,**

Published by Ajanta Prakashan, Year-1986to1987.

METHODS OF TEACHING HOME SCIENCE LAB PRACTICE 18HS-506P

MODEL QUESTION PAPER

COURSE CODE: 18HS -505P

DURATION: 3 Hours.

TOTAL MARKS :40 Marks

1. Prepare and teach a theory lesson plan by using various kinds of teaching Aids pertaining to the topic.

(OR)

2. Prepare and teach a practical lesson plan by using various kinds of teaching Aids pertaining to the topic.

DEPARTMENT OF TECHNICAL EDUCATION
STATE BOARD OF TECHNICAL EDUCATION & TRAINING (TS)

Course Title: METHOD OF TEACHING ENGLISH LAB PRACTICE	Course Code: 18 **HS-507P**
Semester: **V**	Corse/ Elective: CORE
Teaching Scheme(L:T:P): **Theory 50 Minutes (00**)	Credits: **4 Credits**
Type of Course: **Laboratory Course**	Total Contact Hours: **45 Hours**
CIE: **60 Marks**	SEE: **40 Marks**

Course Content and Blue Print of Marks for SEE: METHOD OF TEACHING ENGLISH LAB PRACTICE 18HS-506

	COURSE OUT COME
CO1	Maxims and Importance of good teaching.
CO2	Preparation of Model lesson plans, various steps in writing lesson plan.
CO3	Teaching of model lesson following different steps.
CO4	Prepare Ten lesson plans (Five from theory and Five from practical lessons).
CO5	The following Teaching Aids must be Prepared and submitted for the final Examination. (1)Charts-2 (2) Lessonplans-2
CO6	Practice teaching written lesion plans. Three from theory and Three from practical planned lessons.

Exp. No	Experiment Name	Periods	Marks weightage	Weightage (%)
1	Introduction	5	**5**	**12.5%**
2	Model Lesson Plan	10	**5**	**12.5%**
3	Model Lesson	10	-	-
4	Writing of Lesson Plans	5	**10**	**25%**
5	Preparation of Teaching aids	5	**10**	**25%**
6	Teaching Practice	10	**10**	**25%**
	TOTAL	**45**	**40**	**100%**

COURSECONTENT:

UNITS-I DURATION PERIODS-5

INTRODUCTION: Maxims and importance of Good teaching.

UNITS-II DURATION PERIODS-10

MODEL LESSON PLAN: Steps in writing lesson plan.

UNITS-III DURATION PERIODS-10

MODELLESSON: Teaching of Model Lesson.

UNITS-IV DURATION PERIODS-5

WRITINGLESSONPLANS: Seven from Prose & three from poetry Lesson Plans To be prepared in English for VIIth and VIII th class students.

UNITS-V DURATION PERIODS-5

PREPARATIONOFTEACHINGAIDS: The following Teaching Aids must be Prepared and submitted for the final Examination: English Charts-2, Substitutiontable-1Lessonplans-3.

UNITS-VI DURATION PERIODS-10

TEACHINGPRACTICE: Practice teaching the written lessons.

N**ote:**(1) AllthelessonsforteachingEnglishshouldbetakenfrom7thand 8th class textbooks.

(2) Each student should maintain a lesson plan and submit for the final Examination.

(3) Every lesson should have a teaching aid.

Course outcomes:

Course Outcome		Linked PO	Teaching Hours
CO1	Maxims and Importance of good teaching.	1,2,3,4,5,9,10	5
CO2	Preparation of Model lesson plans, various steps in writing lesson plan.	1,2,3,4,5,9,10	10
CO3	Teaching of model lesson following different steps.	1,2,3,4,5,9,10	10
CO4	Prepare Ten lesson plans (Five from theory and Five from practical lessons).	1,2,3,4,5,9,10	5
CO5	The following Teaching Aids must be Prepared and submitted for the final Examination. (1)Charts-2 (2) Lessonplans-2	1,2,3,4,5,9,10	5
CO6	Practice teaching written lesion plans. Three from theory and Three from practical planned lessons.	1,2,3,4,5,9,10	10

LEARNING OUTCOMES

Up on the completion of the course the student shall able to

- Preparation of Model lesson plans.
- Teaching of model lesson following different steps.
- Practice teaching written lesion plans

REFERENCEBOOKS:

1Prof.B.C.Rai **Technique of Teaching Prakashan Kendra, Lucknow-7** Year–1988.

2. J.C. Agarwal**Principles, Methods and Techniques of Teaching,**
VikasPublishingHousepvt.Ltd.Year-1996.

3. Aravinda Chandra **Fundamentals of Home Science,**
Anupama Shah SterlingPublisherspvt.Ltd.,Year-1995.

4. B.N.Dash and K.Dash**Teaching of Home Science,**
Published by Ajanta Publishers, Year-1987.

METHODS OF TEACHING ENGLISH LAB PRACTICE 18HS-507P

MODEL QUESTION PAPER

COURSE CODE: 18HS -506P

DURATION: 3 Hours.

TOTAL MARKS: 40 Marks

1. Prepare prose lesson plan by using various kind of teaching Aids pertaining to the topic. Teach the lesson following the steps in the lesson plan.

(OR)

2. Prepare a poetry lesson plan by using various kinds of teaching aids pertaining to the topic. Teach the poem following the steps in the lesson plan

DEPARTMENT OF TECHNICAL EDUCATION
STATE BOARD OF TECHNICAL EDUCATION & TRAINING (TS)

Course Title: BAKERY AND CONFECTIONERY LAB PRACTICE	Course Code: 18 **HS-508P**
Semester: **V**	Corse/ Elective: core
Teaching Scheme(L:T:P): **Theory 50 Minutes (00**)	Credits: **4 Credits**
Type of Course: **Laboratory Course**	Total Contact Hours: **45 Hours**
CIE: **60 Marks**	SEE: **40 Marks**

Course Content and Blue Print of Marks for SEE:BAKERY AND CONFETIONERY LAB PRACTICE 18HS-508

	COURSE OUT COME
CO1	Plain Cake, Plum Cake**,** Chocolate Cake, Pineapple Upside Cake, Fruit & Nut Cake
CO2	Death by Chocolate, Swiss Roll., Doll Cake.
CO3	Butter Icing , Royal Icing , Glace Icing
CO4	Pizza, Bread Roll ,Garlic Bread
CO5	Osmina Biscuits, Melting moments ,Nonkhatai Biscuits. , Coconut Cookies
CO6	Kisses ,Truffles , Marble Chocolate ,Proline

Exp. No	**Experiment Name**	**Periods**	**Marks weightage**	**Weightage (%)**
1	Cakes	10	**10**	**25%**
2	Fancy Cakes	10	**10**	**25%**
3	Icing	5	**5**	**12.5%**
4	Breads	5	-	-
5	Biscuits	10	**10**	**25%**
6	Chocolates	5	**5**	**12.5%**
	Total	**45**	**40**	**100%**

COURSE CONTENT:

UNITS-I **DURATION PERIODS-10**

CAKES:

- **a.** Plain Cake.
- b. Chocolate Cake.
- c. Pineapple Upside Cake.
- d. Fruit & Nut Cake
- e. Cup Cake.

UNITS-II **DURATION PERIODS-10**

FANCY CAKES:

a. Death by Chocolate.

b. Swiss Roll.

UNITS-III **DURATION PERIODS-05**

ICING:

a. Butter Icing

b. Royal Icing

UNITS-IV **DURATION PERIODS-05**

BREADS:

a. Pizza

d. Curry Puff

e. Cheese Sticks

h. Pineapple Soufflé

UNITS-V **DURATION PERIODS-10**

BISCUITS:

a. Osmaina Biscuits.

b. Melting moments.

c. Nonkhatai Biscuits.

d. Coconut Cookies.

UNITS-VI DURATION PERIODS-05

CHOCOLATES.

a. Kisses.

b. Truffles.

c. Marble Chocolate.

d. Praline Chocolate.

e. Fantasy logs.

Course outcomes:

Course Outcome		Linked PO	Teaching Hours
CO1	Plain Cake, Plum Cake, Chocolate Cake, Pineapple Upside Cake, Fruit & Nut Cake	1,2,3,4,5,9,10	10
CO2	Death by Chocolate, Swiss Roll., Doll Cake.	1,2,3,4,5,9,10	10
CO3	Butter Icing , Royal Icing , Glace Icing	1,2,3,4,5,9,10	5
CO4	Pizza, Bread Roll ,Garlic Bread	1,2,3,4,5,9,10	5
CO5	Osmaina Biscuits, Melting moments ,Nonkhatai Biscuits. , Coconut Cookies	1,2,3,4,5,9,10	10
CO6	Kisses ,Truffles , Marble Chocolate ,Proline	1,2,3,4,5,9,10	5

LEARNING OUTCOMES

Up on the completion of the course the student shall able to

They prepare the cake s, Breads ,pizza's ,Kisses ,chocolate

REFERENCEBOOKS:

1. MeeraTaneja**Good House Keeping Pakistani cookery,**

Ebury press, London,GreatBritain,Year-1985.

2. ThangamE.Philip**Modern cookery for Teaching and the Trade, Vol- I,**

Published by Orient LongmanLtd.,Hyderabad,Year-2005.

3. Thangam. E .Philip **Modern cookery for Teaching and the Trade, Vol-II,**

Published by Orient Longman Ltd. ,Hyderabad, Year-1988.

4.Emmapatmore**Cook shelf Baking, Paragon Book, China.,Year-2002.**

5.NitaMehta's**Cakes and Chocolates,**

SNAB publishers, Pvt .Ltd., New Delhi, Year-2002.

6. Nita Mehta's **Low calorie cooking for the Indian kitchen,**
SNA B publishers Pvt. Ltd.,NewDelhi,Year-2001.

7. C. Gopalan**Nutritive value of Indian Foods ,**NIN, Hyderabad.

8. Priya Ram Kumar Cook and See- Soups, Salads, Juices, and Chat Items (Part 4).
S. MeenakshiAmmal Publication, Chennai, Year 2002.

9. **Recipe book of** MallikaBhadrinath.

BAKERY AND CONFECTIONERY LAB PRACTICE 18HS-508P

MODEL QUESTION PAPER

COURSE CODE: 18HS -508P

DURATION: 3 Hours.

TOTAL MARKS: 40 Marks

1. (a) Prepare and decorate a Plain Cake.
   (b) Prepare Coconut Biscuit
   (c) Record.

2. (a) Prepare and decorate a Fruit cake.
   (b) Prepare Salt Biscuit.
   (c) Record.

3. (a) Prepare 6 Cup Cake and decorate.
   (b) Preapare Osmania Biscuits.
   (c) Record.

4. (a) Prepare Petit fours and decorate with any Icing.
   (b) Prepare Crepes.
   (c) Record.

5. (a) Prepare and decorate Chocolate Cake.
   (b) Prepare Truffles.
   (c) Record.

6. (a) Prepare and decorate with any Icing a Plum cake.
   (b) Prepare Pineapple Souffle.
   (c) Record.

7. (a) Prepare Vises and Marble Chocalate.
   (b) Prepare Coconut Cookies.
   (c) Record.

DEPARTMENT OF TECHNICAL EDUCATION
STATE BOARD OF TECHNICAL EDUCATION & TRAINING (TS)

Course Title: **: KNITTING AND MACHINE EMBROIDERY LAB PRACTICE**	Course Code: 18 **HS-509P**
Semester: **IV**	Corse/ Elective: **Core**
Teaching Scheme(L:T:P): Practical**45 Minutes (00**)	Credits: **4 Credits**
Type of Course: **Laboratory Course**	Total Contact Hours: **45 Hours**
CIE: **60 Marks**	SEE: **40 Marks**

Course Content and Blue Print of Marks for SEE HS **KNITTING AND MACHINE EMBROIDERY LAB PRACTICE.18HS-509P**

	COURSE OUT COME
CO1	Identify Abbreviations and Demonstrate
CO2	Demonstrate and prepare and basic stitches of knitting samples
CO3	Preparation different Neck lines, sleeves and Arm hole.
CO4	Demonstrate and prepare single line stitches
CO5	Demonstrate and Prepare—filling stitches
CO6	Prepare the sample of quilting and Appliqué work

Exp. No	**Experiment Name**	**Periods**	**Marks Weightage**	**Weightage (%)**
01	Tools Techniques and material used in knitting. Abbreviations used in knitting.	**02**	**5**	**12.5%**
02	Basic stitches	**09**	**5**	**12.5%**
03	Different types of Neck lines and Arm holes and sleeves. Different lace edgings	**12**	**10**	**25%**
04	Single line stitches	**12**	**10**	**25%**
05	Filling stitches	**05**	**5**	**12.5%**
06	Machine quilting and Appliqué work	**05**	**5**	**12.5%**
	Total	**45**	**40**	**100%**

COURSE CONTENT:

UNITS: 1 **Duration: Periods-02**

TOOLS, TECHNIQUES AND MATERIAL USED IN KNITTING. ABBREVIATIONS USED IN KNITTING

UNITS: 2 Duration: Periods-09

Neck lines- V-neck, Round neck, Armhole.Sleeves – Plain Sleeve

– Short sleeve and Long Sleeve.

UNITS: 3 Duration: Periods-12

cording, twine cording and running stitch

UNITS: 4 Duration: Periods-12

machineembroidery filling stitches like appliqué work, Net work.

UNITS: 5 Duration: Periods-05

:Round stitch, Satin stitch , long and short stitch.

UNITS: 6Duration: Periods-05

Machine quilting-Square, round and oval, Appliqué work.

Note: By the end of the semester submit Knitting Machine Embroidery Manual with worked samples and any one of the articles given below.

a) 4 Table Mats.

b) 6 Handkerchiefs.

c) Tray Cloth.

d) Sofa Back.

e) Oval / Round / Square / Triangle quilt.

Course outcomes

Course Outcome		Linked PO	Teaching Hours
CO1	Tools Techniques and material used in knitting. Abbreviations used in knitting.	1,2,3,4,5,9,10	**02**
CO2	Basic stitches	1,2,3,4,5,9,10	**09**
CO3	Different types of Neck lines and Arm holes and sleeves. Different lace edgings	1,2,3,4,5,9,10	**12**
CO4	Single line stitches	1,2,3,4,5,9,10	**12**
CO5	Filling stitches	1,2,3,4,5,9,10	**05**
CO6	Machine quilting and Appliqué work		**05**

LEARNING OUTCOMES

Up on the completion of the course the student shall able to

- Prepare the basic stitches ,necklines armholes and sleeves different lace designs ,machine embroidery stitches

REFERENCE BOOKS:

1) A complete Guide to Knitting-edited by Pam Dawson.

2) Woman's weekly knitting for children.

3) GoldenHands-18-HamlyaHouse-Marshall Cavendish(London).

4) GoldenHands-1-HamlyaHouse-Marshall Cavendish (London).

5) Encyclopedia of Knitting and Crochet.

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KNITTING AND MACHINE EMBROIDERY LAB PRACTICE

MODEL QUESTION PAPER

COURSE CODE: 18HS -509P

DURATION: 3 Hours.TOTAL MARKS :40 Marks

1.

a) Prepare the knitting sample of Round neck.
b) Prepare the sample using the Quilting in machine embroidery.

(Or)

2.

c) Prepare the knitting sample of V-neck line.
d) Prepare the sample using the Round stitch in machine embroidery.

DEPARTMENT OF TECHNICAL EDUCATION
STATE BOARD OF TECHNICAL EDUCATION & TRAINING (TS)

Course Title: MINI PROJECT	Course Code: 18 **HS-510P**
Semester: **V**	Corse/ Elective: core
Teaching Scheme(L:T:P): **Theory 50 Minutes (00**)	Credits: **4 Credits**
Type of Course: **Laboratory Course**	Total Contact Hours: **45 Hours**
CIE: **60 Marks**	SEE: **40 Marks**

Course Content and Blue Print of Marks for SEE: MINI PROJECT 18HS-509