****

**M.A. First Year**

**Ist Sem.**

**HOME SCIENCE**

**(EFFECTIVE FROM – 2015 ONWARDS)**

**DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY**

**AURANGABAD**

**Department of Home Science**

**Curriculum Structure and Scheme of Evaluation**

**For M.A. Ist Year**

**Semester – First**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Course** | **Name of the Subject** | **Scheme of teaching (Periods Per week )** | **Scheme of Evaluation Marks** | **Total Credits** |
| **T** | **P** | **Total Periods** | **Theory Exam** | **Internal** | **Pracitcal** |
| **1** | **HSC 401** | **(Comp.)****Human Development (Early Child Education)** | **04** | **-** | **04 Week** | **80** | **20** | **--** | **100** | **4** |
| **2** | **HSC 402** | **(Comp.)****Research methods & Research Statistics**  | **04** | **--** | **04** | **80** | **20** | **--** | **100** | **4** |
| **3** | **HSC 421** | **(Opt)****Communication Techniques and Computer Application** | **04** | **--** | **04** | **80** | **20** | **--** | **100** | **4** |
| **4** | **HSC 422** | **(Opt)****Textile and clothing construction** | **04** | **--** | **04** | **80** | **20** | **--** | **100** | **4** |
| **5** | **HSC 451** | **(Comp)****Textile and clothing construction** **Practical – I** | **--** | **04** | **04** | **80** | **20** | **--** | **100** | **4** |
|  |  | **TOTAL**  |  |  | **16** | **320** | **80** |  | **400** | **16** |

**M.A. FIRST YEAR**

**HOME SCIENCE**

**(First Semester)**

**Human Development**

**(Early Childhood Education)**

**Subject Ref. No. : HSC 401**

**No. of Credits : 04**

**No. of periods per weeks : 04**

**Assignments / Sessionals : 20**

**Semester Exam : 80**

**SCOPE :**

The Student would be eligible & qualified for teaching at preprimary level. This will provide opportunity for self employment a)Starting crèche b) Day care centers.

**OBJECTIVES :**

1. To understand the principles and to develop interest and ability of childhood care and education.
2. To develop the skills & techniques to plan and conduct activities in earlier childhood care & education centers of different types and to work effectively with parents and community.
3. To interact effectively with parents and community.
4. To develop the concern regarding child’s health and well being & to train /mould him in a socially acceptable manner.

**Unit I) Preschool Children Care Credit - I**

1. Introduction to early childhood Concept of early childhood Characteristics, physical and motor, social, emotional cognitive and     language development, Behavioral Problems in early childhood. (Brief Review).
2. Growth Monitoring of Early Childhood.
3. Happiness & common interest in early Childhood.
4. Hazards during Early Childhood.

**Unit II) Principles of Early Childhood Care Credit - I**

1. Importance need & scope of early childhood care & education.
2. Substitute care at home and outside
3. By Parents, Grandparents, other at home
4. Outside home- crèche /day care centre, Play centre

**Unit III) Historical Development of Preschool Education**

 **Credit – 0.5**

1. Western Methods and Philosophies: Comenius, Rousseau, Pestalozzi, Frobel, Montessori and Dewey etc.
2. Indian Methods and Philosophies: Tagore, M.K. Gandhi, Giju Bhai Bhadaka & Tara bai Modak. Principles , (application and limitations) etc.

**Unit IV) a) Nursery School Building and Equipments**

 **Credit - I**

1. Site & Location Plan of preschool
2. Types of preschool buildings,
3. Space for indoor & outdoor games
4. Play Equipments - Play Equipment according to various development
5. Use of advanced Electronic games for Preschool Children and its Effects.

**b) Formal and Non-formal education**

1. Concept
2. Play way method
3. Integrated approach to teaching, learning, experiences.
4. Psychological effect of pressure on education / play activities.

**Unit V) Preschool teacher and administration Credit – 0.5**

1. Role & Responsibilities and essential qualities of a teacher Head Master/Principal & Supervisor    other personnel.
2. Importance of Essential of records (General Register, Attendance Register for staff & students, Log book for Teacher, Service Book, & cumulative Record card.
3. Performance appraisal: Meaning & Importance criteria of performance appraisal of teachers.

**Related activities/sessionals (Any two)**

1. Visits to Day –care centers, ICDS, Balwadi, Anganwadi, Creche etc.
2. Observation & Participation in the nursery school, Preschool, crèches & day care centre for a week.
3. Planning & preparation of teaching aids & materials needed for young children such as puppets, posters, blocks, flash cards or any other.
4. Observation of a child in Nursery School for his developmental stage for one month in the following areas and submission.
5. Physical- Height and Weight
6. Motor skills, Handedness
7. Emotional Development
8. Play Activity
9. Group Play
10. Language
11. Social Development
12. Peculiar Behavior
13. Find I.Q. of students of preschool class

**REFERENCES :**

1. Bhatia & Bhatia (1995). Theory and Principles of Education, Doaba House, Delhi.
2. Brewe, J.A. 1998 Introduction to early childhood Education third Ed. Boton: Ahyn & Bacaon.
3. Carol : E.C. and Jan Allen (1933). Early Childhood curriculum, Unversity of Tennessee, New York: Macmillan.
4. Day Barbara (1989). Beginning and Beyond, Second Education, Dalmar Pub. Inc.
5. Grewal, J.S. (1984). Early childhood Education, agra National Pschology Corporation Pub.
6. Hydebrand Verma (1981). Introduction to Early Childhood Education N.Y, Macmillan.
7. Jinkinse. E. (1977) a Practical guide to early childhood curriculam, C.V. Mostey Co.
8. Kaul V. (1971). Early Childhood Education Programmes New Delhi. NCERT.
9. Kohn Ruth (1992). The Exploring child, Mumbai Orient Longman.
10. Kulkarni S. (1998) Parent Perspectives and Approaches. Jaipur, Ravat Publications.
11. Mohati & Mohati (1996). Early Childhood Care & Education New Delhi Deep & Deep Publication.
12. DeMee he®Uskeâj, cegueebÛes ceeveefmemekeâ leCeeJe Je GheÛeej Gvces<e ØekeâeMeve, hegCes.
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**M.A. FIRST YEAR**

**HOME SCIENCE**

**(First Semester)**

**Paper –II**

**Research Methods & Statistics**

**Subject Ref. No. : HSC 402**

**No. of Credits : 04**

**No. of periods per weeks : 04**

**Assignments / Sessionals : 20**

**Semester Exam : 80**

**OBJECTIVES:**

1. To understand the significance of statistics and research methodology in Home Science Research.
2. To understand the Application of appropriate statistical techniques for research design.
3. To know the sampling methods for research work.

**CONTENTS:**

**Unit I Introduction to research methods and statistic**

**Credit - I**

1. Meaning, Definition and importance of research methods. Role of Statistics and research in Home Science discipline Types of Research –Historical, Survey, experimental, case study, Social, participatory.
2. Meaning, Definition & Charactertics of statistics.
3. Introduction, definition & importance of research design, Types of Research design-Exploratory Descriptive, Diagnostic, experimental.

**Unit II Definition & Identification of a Research Problem**

**Credit - I**

1. Formulation or identification of problem- meaning, definition, factors.
2. Hypothesis-Meaning & types, Limitations & delimitations of the problem

**Unit III Data gathering Credit - I**

1. Primary – Direct observation, Questionnaires, Interview, group discussion, Schedule, case study Scaling Methods and Home Visits
2. Secondary- Personal documents, Public records and reports, Role of Library.
3. Reliability & Validity of measuring instrument.

**Unit IV) Selection of Sample/sampling Credit - I**

1. Meaning, Definition, Selection of Sample, Size of Sample, types of Probablity, Sampling Systematic, random sampling two stages and multistage sampling.
2. Non Probablity sampling, Purposive Sampling.
3. Quota
4. Volunteer/Self Selection, Snowball Sampling.
5. Pilot Study-Definition & Characteristics.
6. Data Analysis Meaning, Definition, importance & Steps, Classification, tabulation, interpretation of statistical information, diagrammatic Presentation & graphical Presentation.

**Related activities/Sessionals (Any two)**

1. Prepare PPT on Research Project
2. Formulation of Research Project
3. Introduction
4. Importance
5. Objectives
6. Review of Literature
7. Hypothesis
8. Research Methodology.
9. Result & Discussion
10. Summary & Conclusion
11. Bibliography
12. Prepare a CD on any topic related to subject.

**REFERENCES :**

1. Bandarkar, P.L. and Wikinson T.S. (2000): methodology and Techniques of Social Research, Himalaya Publishing House, Mumbai.
2. Bhatnagar, G.L. (1990): Research Methods and Measurement in Behavioural and social Science, Agri, Cole Publishing Academy, New Delhi.
3. Kerlinger:m Foundation of Education Research.
4. An Introduction of Science research : E. B. Wilson.
5. An n handbook of methodology research : Dr. R.R. Deodar.
6. Methods in social Research :Goode & Half.
7. Ajit Kumar Parnaik (2000) Research Methodology in social science, coomonwelth publishers, darya Ganj, New Delhi.
8. Dr. Suman Bahare Samajik Sushodhan Padhati Vidhya Prakashan, Ruikar road, Nagpur.
9. R.R. Mule V. L. Umale Shikshanik Mutatve Maharashtra University Nirmit Mandal Nagpur.
10. Dr. Kachode Samajik Saushodhan Padhati Kailas Publication, Aurangapaura.
11. Prof. Khatode, Samajshastra Saushodhan Tatve Va, Shri. Mangesh     Prakashan, Nagpur
12. Dr. Deshkar, Prof. Deshpande Sankhikishastra.
13. [e@. Øeefohe DeeieueeJes, mebMeesOeve heOoleerMeeŒe ßeermeeF&veeLe ØekeâeMeve, veeiehetj.
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**M.A. FIRST YEAR**

**HOME SCIENCE**

**(First Semester)**

**Paper –IV**

**Communication System & Computer Application**

**Subject Ref. No. : HSC 421**

**No. of Credits : 04**

**No. of periods per weeks : 04**

**Assignments / Sessionals : 20**

**Semester Exam : 80**

**SCOPE :**

**OBJECTIVES:**

1. To impart knowledge and understanding of various communication system.
2. To provide a sound knowledge base for the relevance and applicability of the various media used in human communication and their complementary role towards each other.
3. To enhance versatility of the student in the selection and use of  media in different socio –culture environments
4. To impart skill in preparation of various Computer Aided Media messages.

**CONTENTS:**

**Unit –I Communication System Credit - I**

Meaning, Principles, Nature, Role and Significance of communication system.

Communication Systems - Types of Communication systems

Mass communication- Scope, Elements & characteristics

Visual Communication-Elements of visual design –colour, line, form, Texture & Space.

Principles of Visual design- rhythm, Harmony, Proportion, balance, and emphasis

Visual composition and editing

**Unit –II Communication Technology (In respect to education)**

**Credit - I**

1. Concept, meaning, definition & characteristics of ICT in education.
2. Advantage and limitation of ICT
3. Developing the unit plans, creating multimedia presentation, support material for teachers and students.
4. Government Policies and regulations on mass media in India.
5. Understanding and analysis of the ongoing and Non-Government efforts in communication development.
6. New avenue for communication development, literacy, women and development, human rights and development.

**Unit –III Computer application in education Credit - I**

a. Computer –Meaning, Characteristics, types

b. Application of computer in various fields, education use of computer

c. Internet technology-historical development, its application, email.

d. Language Laboratory, Teleconferencing (audio, video, computer)

**Unit IV) Modern Media of Communication Credit - I**

1. Print Media books, news papers, magazines, leaflets and pamphlets.
2. Electronic Media –Radio, T.V. Video, Computer based Technologies.
3. Outdoor media Exhibition & fairs.
4. Barriers of Communications.

**Related Activities/Sessionals (Any two)**

1. Preparation of PPT & CD on related Topic
2. Preparation of transparency & Slide
3. Preparation of IEC material on various topics of different target   audience.
4. Dealing with various issues in development communication through the use of folk media, leaflets, newspapers stories and reports, exhibitions, computer aided technologies.
5. Project Preparation on specific area in development commutation.

**REFERENCES**

1. Dhama, O.P. Bhatnagar, O.P.: Education and Communication for Development, 1987.
2. Dhama, O.P. Bhatnagar, O.P.: Communication for Development, 1991.
3. Educational Technology – A.R. Sharma, Vinod Pustak Mandir, Agra.
4. IT Tools and Applications – Sanjay Sexena & Prabhpreet Chopra, Vikas Publishing House, New Delhi.
5. Computer Science – Dr. S.A. Mannan & Dr. M. Razaullah Khan, Renuka Prakahsna, Aurangabad.
6. Øeiele Mew#eefCekeâ leb$e%eeve [e@. n. ve. Peieleehe vegleve ØekeâeMeve, hegCes.
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**M.A. FIRST YEAR**

**HOME SCIENCE**

**(First Semester)**

**Paper –IV**

**Textile and Clothing Construction**

**Subject Ref. No. : HSC 422**

**No. of Credits : 04**

**No. of periods per weeks : 04**

**Assignments / Sessionals : 20**

**Semester Exam : 80**

**SCOPE :**

Student will be able to work as dress designers in clothing manufacturing units and boutiques

**OBJECTIVES:**

1. To develop skills in dress designing & clothing construction.
2. To create awareness regarding Indian traditional textile & regional embroideries.
3. To impart the knowledge regarding fashion & apparel designing.
4. To aware the students about the current fashion trends.

**Unit I (A) Fabric Identification Credit - I**

1. Importance & identification of grain.
2. Identifying right & wrong side.
3. Different widths of fabrics.
4. Economical layout plan.

**B) Basics of Clothing construction**

1. Drafting height & girth measurement & Chest Measurement
2. Study of chest measurement system.
3. Principles of cutting & drafting
4. Techniques Pattern making drafting, flat pattern method & draping

**Unit II General Principles of Clothing Construction Credit - I**

1. Study of body measurements in relation to height & age.
2. Taking body measurement for different types of garment.
3. Importance of drafting and making paper pattern.
4. Basic cutting Procedure- racing, placing, pinning &cutting pattern
5. Calculating the amount of material required for different garment
6. Preparation of fabrics strengthening, shrinking & Pressing.

**Unit III Fitting Credit – 0.5**

1. Figure irregularities
2. Factors affecting good fitting
3. Common problem encountered in fitting of garments.
4. Basic alternations remedies for fitting defects lengthwise & widthwise, alternation for both above waist & below waist garments.

**Unit IV) Traditional textile & regional embroideries of India**

**Credit - I**

1. Traditional textile- Dhaka, Chanderi, Baluchedar & Buttedar, Himru- Amru, Kin-Khwab, Bafta-Ahirwhan, Paithani, Pitambari, Bandhani.
2. Regional embroideries –Phulkari, Kasuti of Karnataka, Kanta, Kashmiri, Chikankari, Kutch & Kathiawars, Applique work of Bihar

**Unit V) Fashion Credit – 0.5**

1. Introduction
2. Fashion technology
3. Principles of on Fashions
4. Fashion Cycle
5. Factors influencing fashion
6. Study of fashion figure (briefly)
7. **Fashion buyers**
8. Manufacture role
9. Types of Manufacturer
10. Theories of fashion adaptation
11. Cope of fashion business
12. Current fashion trends in teenager’s clothing.

**Related activities/Sessionals (Any two) Report writing**

* 1. Visit to review Textile mills & museums in India. (Use of Internet direct).
	2. Visit to small scale Industry - Pathani weaving centre.
	3. Visit to Boutique
	4. Visit to tailoring classes

**REFERENCES**

1. Deulkar D. “House Hold Textile & Laundry Work” Atmaram & Son. New Delhi.
2. Dantyagi “Fundamentals of Textile & their care” 4th Edition, Orient Laongman Ltd. New Delhi-110002.
3. Isabel B.W., Textile Fabrics & Their selection. 8th Edition, Prentice Hall Inc. Eaglewood Cliff.
4. Sheneei N.A. “Hisotry of Textile Seuk Publications.
5. Pandit S : Regional Embroidery, “Faculty of Home Sicne Baroda”.
6. Fraef J.L. Concepts of Clothing Mc Graw Hill, New York.
7. Øee. efJeceue Dee{eJe, JeŒeMeeŒe.
8. [e@. Jewjeie[s, Øee. Deefvelee De«eJeeue, JeŒeMeeŒe mebkeâuhevee Je He@âMeve ef[PeeF&efvebie, efJeÅee yegkeäme heefyuesMeme&, Deewjbieeyeeo.
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**M.A. FIRST YEAR**

**HOME SCIENCE**

**(First Semester)**

**Paper – V**

**Textile and Clothing Construction (Practical)**

**Subject Ref. No. : HSC 451**

**No. of Credits : 04**

**No. of periods per weeks : 04**

**Assignments / Sessionals : 20**

**Semester Exam : 80**

**Content of Practicle**

1. Stitching of garment (Any one)
2. Salwar/Churidar
3. Kameez
4. Party wear frock
5. Blouse –Katori
6. Gawn
7. Knitting of Sweter
8. Making of Designer’s dupatta
9. Fashion illustrations
10. Sketching of human figure
11. Fashion accessories hats &head wears, foot wear, Bags & purses, neck wears & jewellary.
12. Prepare a sample of tie and die. (Five)

**M.A. FIRST YEAR**

**HOME SCIENCE**

**(First Semester)**

**Examination Pattern for Practical**

**Textile and Clothing Construction (Practical)**

Stitching of Garment : 30 Marks

Knitting of Sweater : 20 Marks

Prepare a sample of tie & die : 20 Marks

Record book : 20 Marks

Viva : 10 Marks

**Total : 100 Marks**