

To

The Dean of Social Sciences,
Himachal Pradesh University,
Shimla-171005

Subject: - Courses and Credits approved by Board of Studies for B.A. Resource Management and Design Application in its meeting held on 2nd September, 2016

Respected Sir,

Please find enclosed a copy of proceedings of the Board of Studies (UG) in Resource Management and Design Application along with the detailed courses/syllabus and distribution of Credits, for Discipline Specific Course (DSC), Skilled Enhancement Course (SEC), Discipline Specific Elective (DSE) & Generic Elective (GE) along with Annexure I to IV for approval of the competent authority and further appropriate action in the matter.

Yours Sincerely,

Dr. Aprajita Sharma,
Chairperson,
Board of Studies of Home Science,
Deptt. of Home Science,
RKMV, Shimla

Proceedings of the meeting of Board of Studies of Resource Management and Design

Application (UG- CBCS) held on 02.09.2016 at 2:00 pm in RKMV Shimla.

The following members were present: -

1. Dr. Aprajita Sharma, Chairperson, Board of Studies for Home Science, Deptt. of Home Science, RKMV, Shimla.
2. Ms. Nandini Pathania, Member Secretary, Board of Studies for Home Science, St. Bede's College, Shimla.
3. Dr. Anjali Dewan, Member of Studies for Home Science, Deptt. of Home science, St. Bede's College, Shimla.

After detailed discussion, the following decision was taken on the Agenda given as under: -

Agenda Item and Decision: -

To introduce the semester system scheme and syllabus for Choice Based Credit System (CBCS) in BA Resource Management and Design Application (HDFE).

After detailed discussion, the following decisions were taken:-

1. Semester-wise course structure of B.A. three year (six semesters) courses under CBCS for Himachal Pradesh University and semester-wise sequence of courses and credits/marks allotted for each course were approved as per attached '**Annexure-I**' to the proceedings.
2. Scheme and mode of evaluation for Minor Test, distribution of marks for evaluation of Tutorial / Home Assignments were approved as per '**Annexure-II**' to the proceedings.
3. Instructions for Paper setters for Term End Semester Examination (Theory and Practical) were approved as per '**Annexure-III & IV**' to the proceedings.

It was also decided that the above mentioned **Annexure-I, II, III & IV** be forwarded to Dean of Social Sciences, Himachal Pradesh University for obtaining approval of the competent authority for facilitating further action in the matter.

Board Members:

Dr. Aprajita Sharma
Chairperson,
Board of Studies for Home Science,
Deptt. of Home Science,
RKMV, Shimla.

Ms. Nandini Pathania
Member Secretary,
Board of Studies for Home Science,
Deptt. of Home Science,
St. Bede's College, Shimla.

Dr. Anjali Dewan
Member
Board of Studies for Home Science,
Deptt. of Home Science,
St. Bede's College, Shimla.

ANNEXURE – I

SCHEME AND SYLLABUS FOR CHOICE BASED CREDIT SYSTEM IN BA RESOURCE MANAGEMENT AND DESIGN APPLICATION TO BE IMPLEMENTED FROM THE SESSION 2016-2017 ONWARDS								
CONTENTS								
Sr. No	Course	Course Name	Semester	Course Code	Award Type	Credits	Marks	
							Min	Max
SEMESTER-I								
1.	Core Course	English/MIL-1	I	Common for all Students				
	Ability Enhancement Compulsory Course (AECC)	(English/MIL communication) Or Environmental Science	I	Common for all Students				
	RMDA-Core -1	Resource Management	I	BARMDA 101	Theory (ESE)	2	18	40
	RMDA Core -1	Resource Management	I	BARMDA 101(P)	Practical (ESE)	2	14	30
	RMDA-Core -1	Resource Management	I	BARMDA 101(A)	Internal Assessment (CCA)	2	14	30
	Core Course	DSC-2A (Choice based course from other discipline)	I					
SEMESTER-II								
2.	Core Course	English/MIL-1	II	Common for all Students				
	Ability Enhancement Compulsory Course (AECC)	(English/MIL communication) Or Environmental Science	II	Common for all Students				
	RMDA Core -2	Family Finance & Consumer Studies	II	BARMDA 202	Theory (ESE)	2	18	40

	RMDA Core -2	Family Finance & Consumer Studies	II	BARMDA 202(P)	Practical (ESE)	2	14	30
	RMDA Core -2	Family Finance & Consumer Studies	II	BARMDA 202(A)	Internal Assessment (CCA)	2	14	30
	Core Course	DSC-2B (Choice based course from other discipline)	II					
SEMESTER-III								
3.	Core Course	English/MIL-2	III					
	RMDA Core -3	Basics of Interior Design	III	BARMDA 303	Theory (ESE)	2	18	40
	RMDA Core -3	Basics of Interior Design	III	BARMDA 303(P)	Practical (ESE)	2	14	30
4.	RMDA Core -3	Basics of Interior Design	III	BARMDA 303(A)	Internal Assessment (CCA)	2	14	30
	RMDA SEC-1	Resources & Sustainable Development	III	BARMDA 304(P)	Practical (ESE)	1	14	30
	RMDA SEC-1	Resources & Sustainable Development	III	BARMDA 304(A)	Internal Assessment (CCA)	1	4	10
	Core Course	DSC-2C (Choice based course from other discipline)	III					
SEMESTER-IV								
5.	Core Course	English/MIL-2	IV					
	RMDA Core -4	Entrepreneurship Development	IV	BARMDA 405	Theory (ESE)	2	18	40
	RMDA Core -4	Entrepreneurship Development	IV	BARMDA 405(P)	Practical (ESE)	2	14	30
	RMDA Core -4	Entrepreneurship Development	IV	BARMDA 405(A)	Internal Assessment (CCA)	2	14	30

	Core Course	DSC-2D (Choice based course from other discipline)	IV					
6.	RMDA SEC-2	Retail Design	IV	BARMDA 406(P)	Practical (ESE)	1	14	30
	RMDA SEC-2	Retail Design	IV	BARMDA 406(A)	Internal Assessment (CCA)	1	4	10
	Core Course	DSC-2D (Choice based course from other discipline)	IV					
SEMESTER-V								
7.	RMDA SEC-3	Computer Aided Design	V	BARMDA 507(P)	Practical (ESE)	1	14	30
	RMDA SEC-3	Computer Aided Design	V	BARMDA 507(A)	Internal Assessment (CCA)	1	4	10
8.	RMDA DSE-1	Space Planning & Design	V	BARMDA 508	Theory (ESE)	2	18	40
	RMDA DSE-1	Space Planning & Design	V	BARMDA 508(P)	Practical (ESE)	2	14	30
	RMDA DSE-1	Space Planning & Design	V	BARMDA 508(A)	Internal Assessment (CCA)	2	14	30
9.	RMDA GE-1	Basics of Interior Design	V	BARMDA 509	Theory (ESE)	2	18	40
	RMDA GE-1	Basics of Interior Design	V	BARMDA 509(P)	Practical (ESE)	2	14	30
	RMDA GE-1	Basics of Interior Design	V	BARMDA 509(A)	Internal Assessment (CCA)	2	14	30
SEMESTER-VI								
	RMDA SEC-4	Waste to Wealth	VI	BARMDA 610 (P)	Practical (ESE)	1	14	30

10.	RMDA SEC-4	Waste to Wealth	VI	BARMDA 610(A)	Internal Assessm ent (CCA)	1	4	10
11.	RMDA DSE-2	Human Resource Management	VI	BARMDA 611	Theory (ESE)	2	18	40
	RMDA DSE-2	Human Resource Management	VI	BARMDA 611(P)	Practical (ESE)	2	14	30
	RMDA DSE-2	Human Resource Management	VI	BARMDA 611(A)	Internal Assessm ent (CCA)	2	14	30
12.	RMDA GE-2	Entrepreneursh ip Development	VI	BARMDA 612	Theory (ESE)	2	18	40
	RMDA GE-2	Entrepreneursh ip Development	VI	BARMDA 612(P)	Practical (ESE)	2	14	30
	RMDA GE-2	Entrepreneursh ip Development	VI	BARMDA 612(A)	Internal Assessm ent (CCA)	2	14	30

B.A. RESOURCE MANAGEMENT AND DESIGN APPLICATION

Outline of the UGC recommended CBCS system for BA Human development and Family Empowerment (Regular) syllabus, CBCS Course Scheme, the Examination Pattern, CCA Scheme and Paper Setting to be implemented from Academic Session 2016-17.

SEMESTER-I

(CORE-1)

RESOURCE MANAGEMENT (BARMDA101)

Course Code	BARMDA101		
Credits-5	L	T	P
	60	15	15
Course Type	Core		
Lectures to be Delivered	90		

L-Lecture, T-Tutorial, P-Practical

Continuous Comprehensive Assessment (CCA)

Minor Test (Marks)	Assignments /Seminars/ Class Test/ Tutorials/ Quiz (Marks)	Attendance	Total Marks
15	10	5	30

The pattern of examination for conducting the minor tests will be same as prescribed for the end semester examination.

End Semester Examination System (Theory/Practical)

Components	Maximum Allotted Marks	Minimum Pass Marks	Time Allotted
Theory	40	18	3.00 Hrs
Practical	30	14	3.00 Hrs
Total	70	32	6.00 Hrs

Paper Setting Scheme for End Semester Examination

Section	No of Questions	Syllabus Coverage	Nature of Questions and Answers	Questions to be Attempted	Maximum Marks
A	12	Complete	Objective Type	12 (1/2 mark each)	6
	3	Complete	Short answer type (25 to 50 words)	3 (2 marks each)	6
B	2	UNIT 1	Choice based Long answer type	1 (7 marks each)	7
C	2	UNIT 2	Choice based Long answer type	1 (7 marks each)	7
D	2	UNIT 3	Choice based Long answer type	1 (7 marks each)	7
E	2	UNIT 4	Choice based Long answer type	1 (7 marks each)	7
TOTAL					40

THEORY

Unit	Topic	Allotted Time (hours)		
		L	T	P
I	Introduction to Resource Management <ul style="list-style-type: none"> • Concept, universality and scope of management • Approaches to management • Ethics in management Motivation Theory	10	3	0
II	Resources <ul style="list-style-type: none"> • Understanding, meaning, classification & characteristics of resources, factors affecting utilization of resources. • Maximizing use of resources & resource conservation 	10	4	0
III	<ul style="list-style-type: none"> • Availability & management of specific resources by an individual/family. <ul style="list-style-type: none"> -Money -Time -Energy -Space • Application of Management Process in: <ul style="list-style-type: none"> -Event Planning & Execution 	20	4	0
IV	Functions of Management: An overview <ul style="list-style-type: none"> • Decision Making • Planning • Supervising • Controlling • Organizing • Evaluation 	20	4	0
Total Hours		60	15	0

L-Lecture, T-Tutorial and P-Practical

PRACTICALS

RESOURCE MANAGEMENT BARMDA101 (P)

Marks Allocation Scheme

Particulars	Maximum Marks
Method and Technique used	20
Practical File	05
Viva Voce	05
Total	30

Sr. no.	Topic	Allotted Time (hours)
		P
1	Resource conservation and optimization/green technologies (natural resources): Portfolio	3
2	Identification and development of self as a resource. - SWOT analysis-who am I and Micro lab - Building Decision Making abilities through management games	3
3	Preparation of time plans for self and family	3
4	Time and Motion Study	3
5	Event planning ,management and evaluation-with reference to - Managerial process - Resource optimization time, money, products, space, human capital	3
	Total	15

RECOMMENDED READINGS

Koontz.H. and O'Donnel C., 2005, Management – A systems and contingency analysis of managerial functions. New York: McGraw-Hill Book Company

Kreitner. 2009, Management Theory and Applications, Cengage Learning: India

Rao V.S. and Narayana P.S., Principles and Practices of Management, 2007, Konark Publishers Pvt. Ltd.

SEMESTER-II (CORE-2)

FAMILY FINANCE AND CONSUMER STUDIES (BARMDA202)

Course Code	BARMDA202		
Credits-4	L	T	P
	60	15	15
Course Type	Core		
Lectures to be Delivered	90		

L-Lecture, T-Tutorial, P-Practical

Continuous Comprehensive Assessment (CCA)

Minor Test (Marks)	Assignments /Seminars/ Class Test/ Tutorials/ Quiz (Marks)	Attendance	Total Marks
15	10	5	30

The pattern of examination for conducting the minor tests will be same as prescribed for the end semester examination.

End Semester Examination System (Theory/Practical)

Components	Maximum Allotted Marks	Minimum Pass Marks	Time Allotted
Theory	40	18	3.00 Hrs
Practical	30	14	3.00 Hrs
Total	70	32	6.00 Hrs

Paper Setting Scheme for End Semester Examination

Section	No of Questions	Syllabus Coverage	Nature of Questions and Answers	Questions to be Attempted	Maximum Marks
A	12	Complete	Objective Type	12 (1/2 mark each)	6
	3	Complete	Short answer type (25 to 50 words)	3 (2 mark each)	6
B	2	UNIT 1	Choice based Long answer type	1 (7 marks)	7
C	2	UNIT 2	Choice based Long answer type	1 (7 marks)	7
D	2	UNIT 3	Choice based Long answer type	1 (7 marks)	7
E	2	UNIT 4	Choice based Long answer type	1 (7 marks)	7
TOTAL					40

THEORY

Unit	Topic	Allotted Time (hours)	
		L	T
I	Income and Expenditure <ul style="list-style-type: none"> Household Income – Types, Sources, Supplementation of family income, use of family income, budgets, maintaining household accounts Factors influencing expenditure pattern Family savings and investments- need ,principles, channels of investment, tax implications Consumer credit- need, sources, credit cards, Housing finance Personal finance management – tax implications, calculation of personal income tax. Guidelines for wise buying practices 	15	4
II	Consumer in India: Consumer problems <ul style="list-style-type: none"> Definition of a consumer Role of consumers in the economy, National Income, Per Capita Income, Household wise distribution of income Changing nature of the business world –e-commerce, e-business 	15	4
III	Consumer education <ul style="list-style-type: none"> Types of consumer problems – products and service related, investment and infrastructure related, Causes and solutions Consumer education and empowerment Consumer rights and responsibilities Consumer organizations – origin, functioning, role and types. Consumer cooperatives – role, history and growth in India, PDS Kendriya Bhandars. 	15	4
IV	Consumer Protection <ul style="list-style-type: none"> Consumer protection Basic legislative framework for consumer protection in India, Consumer Protection Act 1986 COPRA, Alternative redressal mechanisms, Mediation centers Standardization and quality control measures: ISI, FPO, AGMARK, ISO, Eco mark, Wool mark, Silk mark, Cotton mark, Handloom mark, BEE star labeling and others 	15	3
Total Hours		60	15

L-Lecture, T-Tutorial and P-Practical

PRACTICALS

FAMILY FINANCE AND CONSUMER STUDIES BARMDA202 (P)

Marks Allocation Scheme

Particulars	Maximum Marks
Method and Technique used	20
Practical File	05
Viva Voce	05
Total	30

Sr. no.	Topic	Allotted Time (hours)
		P
1	Evaluation and designing of advertisements in the print media including products, services and social ads.	3
2	Evaluation and designing of informative and attractive labels of different type of food products.	3
3	Case study of banks and post offices to understand their services and products, Learning to fill different bank forms.	3
4	Analysis of consumer redressal through case study approach under CPA.	3
5	Food adulteration tests	3
	Total	15

RECOMMENDED READINGS

Khanna S.R., Hanspal S., Kapoor S. & Awasthi H.K., 2007 Consumer Affairs, Universities Press India Pvt. Ltd.

Sawhney, H.K. & Mital, M., 2007, Family Finance & Consumer Studies, Elite Publishing House Pvt. Ltd.

Seetharaman, P. and Sethi, M., 2001, Consumerism: Strength and Tactics, New Delhi: CBS Publishers.

SEMESTER-III (CORE-3)

BASICS OF INTERIOR DESIGN (BARMDA303)

Course Code	BARMDA303		
Credits-4	L	T	P
	60	15	15
Course Type	Core		
Lectures to be Delivered	90		

L-Lecture, T-Tutorial, P-Practical

Continuous Comprehensive Assessment (CCA)

Minor Test (Marks)	Assignments /Seminars/ Class Test/ Tutorials/ Quiz (Marks)	Attendance	Total Marks
15	10	5	30

The pattern of examination for conducting the minor tests will be same as prescribed for the end semester examination.

End Semester Examination System (Theory/Practical)

Components	Maximum Allotted Marks	Minimum Pass Marks	Time Allotted
Theory	40	18	3.00 Hrs
Practical	30	14	3.00 Hrs
Total	70	32	6.00 Hrs

Paper Setting Scheme for End Semester Examination

Section	No of Questions	Syllabus Coverage	Nature of Questions and Answers	Questions to be Attempted	Maximum Marks
A	12	Complete	Objective Type	12 (1/2 mark each)	6
	3	Complete	Short answer type (25 to 50 words)	3 (2 mark each)	6
B	2	UNIT 1	Choice based Long answer type	1 (7 marks)	7
C	2	UNIT 2	Choice based Long answer type	1 (7 marks)	7
D	2	UNIT 3	Choice based Long answer type	1 (7 marks)	7
E	2	UNIT 4	Choice based Long answer type	1 (7 marks)	7
TOTAL					40

THEORY

Unit	Topic	Allotted Time (hours)	
		L	T
I	Design Fundamentals <ul style="list-style-type: none"> • Objectives of Art & Interior Design. • Types of Design: Structural & Decorative. • Elements of Content: Space, Point, Line, Shape, Form, Texture, Light & Color. • Elements of Order: Scale, Similarity, Proximity, Sequence, Trends, Themes, Geometrical Organization. • Principles of Composition – Rhythm, Balance, Proportion, Emphasis, Unity, (Variety, Simplicity/Economy, Suitability). 	15	4
II	Design Drawing – <ul style="list-style-type: none"> • Drawing as a language to explore & communicate Ideas. • Color & its Application. <ul style="list-style-type: none"> - Dimensions of color - Importance of color & its role in creation of the design. - Color systems & Theories. - Color Harmonies. - Principles of Design as applied to color use. - Color Forecasting • Composition of a Drawing – Harmony, Clarity, Adequacy. 	15	4
III	Historical Perspectives & Contemporary Trends <ul style="list-style-type: none"> • History of Interior Design – including periods like Mughal Architecture, Colonial style, Renaissance. • Architectural Styles –based on themes and main periods, like post Renaissance and modern style. • Contemporary Trends in Interior Design with respect to furniture, furnishings & accessories. 	15	4
IV	Furniture & Furnishings <ul style="list-style-type: none"> • Furniture – Types, Construction, Selection and purchase, Arrangement, Care and maintenance • Furnishings – selection, care and maintenance of fabrics used for - <ul style="list-style-type: none"> • Soft furnishings: curtains and draperies, upholstered furniture, cushions and pillows, etc. • Floor coverings • Accessories – Uses, Classification, Design, Selection & Arrangement. • Traditional and Modern Surface Finishes – types and uses <ul style="list-style-type: none"> • Wall • Floor • Ceilings • Roofing 	15	3
	Total Hours	60	15

L-Lecture, T-Tutorial and P-Practical

PRACTICALS

BASICS OF INTERIOR DESIGN BARMDA303 (P)

Particulars	Maximum Marks
Method and Technique used	20
Practical File	05
Viva Voce	05
Total	30

Sr. no.	Topic	Allotted Time (hours)
		P
1	Drawing – Introduction to drawing instruments & tools (manual & computer tools) <ul style="list-style-type: none">• Drawing lines (freehand & with drawing instruments) - both 2-dimensional & dimensional.• Lettering	3
2	Preparation of catalogue comprising pictures denoting application of Art & Elements of Design; Colour - Colour Wheel, Dimension & Harmonies of Colour.	3
3	Floor plans with rendering (Theme based- Manual/Computer aided).	3
4	Furniture & furnishing plans of specific areas.	3
5	Preparation of portfolio based on historical designs & market review of furniture and furnishing materials (upholstery, curtains and draperies, bed & table linen). <ul style="list-style-type: none">• Wall coverings & decorations (pictures, etc)• Floor coverings & decorations• Window & door treatments• Lighting systems	3
	Total	15

RECOMMENDED READINGS

- Lawrence M, (1987), Interior Decoration, New Jersey: Chartwell Books.
- Riley & Bayen., (2003), The Elements of Design, Mitchell Beazley.

SKILL BASED COURSE

(SEC- 01)

RESOURCES AND SUSTAINABLE DEVELOPMENT BARMDA304 (P)

Course Code	BARMDA304		
Credits-2	L	T	P
	00	15	30
Course Type	Core		
Lectures to be Delivered	45		

L-Lecture, T-Tutorial, P-Practical

Continuous Comprehensive Assessment (CCA)

Minor Test (Marks)	Assignments /Seminars/ Class Test/ Tutorials/ Quiz (Marks)	Attendance	Total Marks
6	2	2	10

The pattern of examination for conducting the minor tests will be same as prescribed for the end semester examination.

End Semester Examination System (Practical)

Components	Maximum Allotted Marks	Minimum Pass Marks	Time Allotted
Practical	30	14	3.00 Hrs

Paper Setting Scheme for End Semester Examination

Particulars	Maximum Marks
Method and Technique used	20
Practical File	05
Viva Voce	05
Total	30

PRACTICAL

Sr. no.	Topic	Allotted Time (hours)
		P
1	Introduction to concept and dimensions of sustainable development, major conferences and agreements on sustainable development - Power point presentation and group discussion.	3
2	MDG's and challenges to sustainable development (Climate and Global Change, Energy, Water Resources, Population, Economic Development, etc.); (Case study approach).	2
3	Water/Air analysis - Lab testing and class presentation.	2
4	Experiential learning through field visit: Sewage treatment plant/ Vermicomposting unit/ Air Monitoring Laboratory/ Environment Pollution Detecting Laboratory/ Rain Water Harvesting System/ Biogas Plant/ Green Building/ Greenhouse/ Solid Waste Management Plant/ hydro/thermal power plants.	3
5	Development of awareness programme on sustainable consumption practices for masses.	2
6	A Survey related to environmental issues amongst the citizens: Data to be collected and analyzed statistically with suggestions for environmental management Or Secondary data collection/Case profile of any one govt. or non-govt. organization that contributed to environmental protection in India.	3
	Total	15

RECOMMENDED READINGS

Koontz.H. and O'Donnel C., 2005, Management – A systems and contingency analysis of managerial functions. New York: McGraw-Hill Book Company

Kreitner. 2009, Management Theory and Applications, Cengage Learning: India

Rao V.S. and Narayana P.S., Principles and Practices of Management, 2007, Konark Publishers Pvt. Ltd.

Ganesh Somayaji and Sakarama Somayaji ,2009, Environmental concerns and sustainable development: some perspectives from India, TERI Publication

Sundar ,2006, Environment And Sustainable Development, Aph Publishing Corporation

UN Millennium Project, 2005. Innovation: Applying Knowledge in Development. Science, Technology and Innovation Task Force Report.

World Bank, 2006, Enhancing Agricultural Innovation: How to go beyond the strengthening of research systems, World Bank: Agriculture and Rural Development.

SEMESTER IV (CORE IV)

ENTREPRENEURSHIP DEVELOPMENT (BARMDA405)

Course Code	BARMDA405		
Credits-4	L	T	P
	60	15	15
Course Type	Core		
Lectures to be Delivered	90		

L-Lecture, T-Tutorial, P-Practical

Continuous Comprehensive Assessment (CCA)

Minor Test (Marks)	Assignments /Seminars/ Class Test/ Tutorials/ Quiz (Marks)	Attendance	Total Marks
15	10	5	30

The pattern of examination for conducting the minor tests will be same as prescribed for the end semester examination.

End Semester Examination System (Theory/Practical)

Components	Maximum Allotted Marks	Minimum Pass Marks	Time Allotted
Theory	40	18	3.00 Hrs
Practical	30	14	3.00 Hrs
Total	70	32	6.00 Hrs

Paper Setting Scheme for End Semester Examination

Section	No of Questions	Syllabus Coverage	Nature of Questions and Answers	Questions to be Attempted	Maximum Marks
A	12	Complete	Objective Type	12 (1/2 mark each)	6
	3	Complete	Short answer type (25 to 50 words)	3 (2 mark each)	6
B	2	UNIT 1	Choice based Long answer type	1 (7 marks)	7
C	2	UNIT 2	Choice based Long answer type	1 (7 marks)	7
D	2	UNIT 3	Choice based Long answer type	1 (7 marks)	7
E	2	UNIT 4	Choice based Long answer type	1 (7 marks)	7
TOTAL					40

THEORY

Unit	Topic	Allotted Time (hours)	
		L	T
I	Entrepreneurship Development <ul style="list-style-type: none"> • Entrepreneurship- concept, definition, need and significance of entrepreneurship development in India, entrepreneurship growth process, barriers, entrepreneurship education model. • Entrepreneur-their characteristics, types, gender issues, role demands and challenges • Entrepreneurial Motivation • Challenges faced by Women Entrepreneurs 	15	4
II	Enterprise Planning and Launching <ul style="list-style-type: none"> • Types of enterprises classification based on capital, product, location, ownership pattern and process • Sensing business opportunities and assessing market potential; market research • Appraising of project and feasibility 	15	4
III	Enterprise Management <ul style="list-style-type: none"> • Managing Production <ul style="list-style-type: none"> - Organizing Production; input-output cycle - Ensuring Quality • Managing Marketing <ul style="list-style-type: none"> - Understanding markets and marketing - Functions of Marketing - 4Ps of Marketing(same as marketing mix) 	15	4
IV	Financial Management and Networking <ul style="list-style-type: none"> - Meaning of Finance - Types and Sources of Finance - Estimation of project cost - Profit Assessment • Networking of Enterprises 	15	3
	Total Hours	60	15

L-Lecture, T-Tutorial and P-Practical

PRACTICALS

PRINCIPLES AND PERSPECTIVES ON EARLY CHILDHOOD CARE AND EDUCATION (BAHDFE405TH/PR)

Marks Allocation Scheme (Practical Paper)

Particulars	Maximum Marks
Method and Technique used	20
Practical File	05
Viva Voce	05
Total	30

Unit	Topic	Allotted Time (hours)
		P
1	SWOT analysis with respect to entrepreneurial competencies through case profiling of successful entrepreneurs and enterprises.	3
2	Achievement Motivation lab-development of entrepreneurial competencies	2
3	Survey of an institution facilitating entrepreneurship development in India.	5
4	Preparation of business plan.	5
	Total	15

RECOMMENDED READINGS

- Gundry Lisa K. & Kickul Jill R.,2007, Entrepreneurship Strategy: Changing Patterns in New Venture Creation, Growth, and Reinvention, SAGE Publications, Inc.
- Taneja & Gupta, 2001, Entrepreneur Development- New Venture Creation, Galgotia Publishing Company

**SKILL BASED COURSE
(SEC- 02)**

RETAIL DESIGN BARMDA406 (P)

Course Code	BARMDA406		
Credits-2	L	T	P
	30	15	0
Course Type	Core		
Lectures to be Delivered	45		

L-Lecture, T-Tutorial, P-Practical

Continuous Comprehensive Assessment (CCA)

Minor Test (Marks)	Assignments /Seminars/ Class Test/ Tutorials/ Quiz (Marks)	Attendance	Total Marks
6	2	2	10

The pattern of examination for conducting the minor tests will be same as prescribed for the end semester examination.

End Semester Examination System (Practical)

Components	Maximum Allotted Marks	Minimum Pass Marks	Time Allotted
Practical	30	14	3.00 Hrs

Paper Setting Scheme for End Semester Examination

Particulars	Maximum Marks
Method and Technique used	20
Practical File	05
Viva Voce	05
Total	30

PRACTICAL

Sr. no.	Topic	Allotted Time (hours)
		P
1	Introduction to Retail Design - Importance of retail design	3
2	Types of retail and commercial spaces – Field visits	2
3	Consumer buying decisions and influencing factors – Survey	2
4	Layout plan and store design – Survey	3
5	Elements of store design in a retail such as lighting, colour, music, props, accessories, etc.- Observation	2
6	Project - Case study of store layout (Interactive)	3
	Total	15

RECOMMENDED READINGS

- Mitton Maureen. (2004) Interior Design Visual Presentation: A Guide to Graphics, Models and Presentation Techniques, 2nd ed. New Jersey: John Wiley and Sons.
- Balaji, Tuli S. (2005). Retail Management

SEMESTER V
SKILL BASED COURSE (SEC- 03)

COMPUTER AIDED DESIGN BARMDA507 (P)

Course Code	BARMDA507		
Credits-2	L	T	P
	30	15	0
Course Type	Core		
Lectures to be Delivered	45		

L-Lecture, T-Tutorial, P-Practical

Continuous Comprehensive Assessment (CCA)

Minor Test (Marks)	Assignments /Seminars/ Class Test/ Tutorials/ Quiz (Marks)	Attendance	Total Marks
15	10	5	30

The pattern of examination for conducting the minor tests will be same as prescribed for the end semester examination.

End Semester Examination System (Theory/Practical)

Components	Maximum Allotted Marks	Minimum Pass Marks	Time Allotted
Practical	30	14	3.00 Hrs

Paper Setting Scheme for End Semester Examination

Particulars	Maximum Marks
Method and Technique used	20
Practical File	05
Viva Voce	05
Total	30

PRACTICAL

Sr. no.	Topic	Allotted Time (hours)
		P
1	Introduction to AUTO-CAD	3
2	Creating folders and opening and saving files	2
3	Commands for creating lines, rectangles, circles etc.	2
4	Commands for creating complex figures	1
5	Using commands for creating furniture, lighting and plumbing symbols.	2
6	Making simple house plans.	2
7	Drawing simple 3D objects such as chair, tables etc.	1
8	Generating printouts.	1
9	Projects	1
	Total	15

RECOMMENDED READINGS

- Lawrence M, (1987), Interior Decoration, New Jersey: Chartwell Books.
- Riley & Bayen., (2003), the Elements of Design, Mitchell Beazley.

DISCIPLINE SPECIFIC ELECTIVE (DSE)
SPACE PLANNING AND DESIGN (BARMDA508)

Course Code	BARMDA508		
Credits-4	L	T	P
	60	15	15
Course Type	Core		
Lectures to be Delivered	90		

L-Lecture, T-Tutorial, P-Practical

Continuous Comprehensive Assessment (CCA)

Minor Test (Marks)	Assignments /Seminars/ Class Test/ Tutorials/ Quiz (Marks)	Attendance	Total Marks
15	10	5	30

The pattern of examination for conducting the minor tests will be same as prescribed for the end semester examination.

End Semester Examination System (Theory/Practical)

Components	Maximum Allotted Marks	Minimum Pass Marks	Time Allotted
Theory	40	18	3.00 Hrs
Practical	30	14	3.00 Hrs
Total	70	32	6.00 Hrs

Paper Setting Scheme for End Semester Examination

Section	No of Questions	Syllabus Coverage	Nature of Questions and Answers	Questions to be Attempted	Maximum Marks
A	12	Complete	Objective Type	12 (1/2 mark each)	6
	3	Complete	Short answer type (25 to 50 words)	3 (2 mark each)	6
B	2	UNIT 1	Choice based Long answer type	1 (7 marks)	7
C	2	UNIT 2	Choice based Long answer type	1 (7 marks)	7
D	2	UNIT 3	Choice based Long answer type	1 (7 marks)	7
E	2	UNIT 4	Choice based Long answer type	1 (7 marks)	7
TOTAL					40

THEORY

Unit	Topic	Allotted Time (hours)	
		L	T
I	Basic Concepts in Space Planning and Design <ul style="list-style-type: none"> • Concept of house, housing, architecture; • Functions and concept of adequacy of space • Characteristics of space, principles of planning spaces; planning and designing • Basic norms and space standards in operation – NBC and MPD • Analysis of furniture needs of different zones in a house/workstations 	15	4
II	Building Construction Techniques And Technologies <ul style="list-style-type: none"> • Classification of building materials – Conventional/Non-Conventional • Foundation – Purpose, types of foundations, reasons for failure of foundation • Damp-proofing and water-proofing - defects, sources and treatment. • Masonry- types • Flooring - types • Roofs- types • Lintels and Arches- definitions and purpose • Staircase - types • Partitions and Panelling - types • Concept and scope of pre-fabrication and modular housing 	15	4
III	Innovations For Sustainable Development <ul style="list-style-type: none"> • Structuring spaces: indoor and outdoor; space articulation: zones in spatial planning. • Green rating systems – GRIHA and LEED. • Cost economy in construction • Doors and Windows- types • Site selection – Factors 	15	4
IV	Interior Environment and Services: Climatic Considerations <ul style="list-style-type: none"> • HVAC • Lighting: types of lighting systems • Water and Plumbing systems, water harvesting • Insulation: sound and thermal – materials used and types of insulation 	15	3
	Total Hours	60	15

L-Lecture, T-Tutorial and P-Practical

PRACTICALS

SPACE PLANNING AND DESIGN BARMDA 508(P)

Marks Allocation Scheme

Particulars	Maximum Marks
Method and Technique used	20
Practical File	05
Viva Voce	05
Total	30

Unit	Topic	Allotted Time (hours)
		P
1	Housing by-laws and symbols, Different types of plans	3
2	Critical Evaluation of independent houses and apartments.	2
3	Identification of building materials and evaluation concerning their characteristics (favorable and unfavorable features), uses and applications, cost and environment friendliness.	4
4	Evaluation of buildings on energy efficiency parameters using green rating systems like GRIHA and LEED.	4
	Observe and prepare house plans for different income groups up to 100 sq.m area (Computer aided /manual).	2
	Total	15

RECOMMENDED READINGS

- Adler, David., 2004, Metric HandBook planning & Design, Architectural press.
- Kumar, Sushil, 2008, Building Construction, Standard publisher.

GENERIC ELECTIVE (GE)

BASICS OF INTERIOR DESIGN (BARMDA509)

Course Code	BARMDA509		
Credits-5	L	T	P
	65	25	0
Course Type	Core		
Lectures to be Delivered	90		

L-Lecture, T-Tutorial, P-Practical

Continuous Comprehensive Assessment (CCA)

Minor Test (Marks)	Assignments /Seminars/ Class Test/ Tutorials/ Quiz (Marks)	Attendance	Total Marks
15	10	5	30

The pattern of examination for conducting the minor tests will be same as prescribed for the end semester examination.

End Semester Examination System (Theory/Practical)

Components	Maximum Allotted Marks	Minimum Pass Marks	Time Allotted
Theory	40	18	3.00 Hrs
Practical	30	14	3.00 Hrs
Total	70	32	6.00 Hrs

Paper Setting Scheme for End Semester Examination

Section	No of Questions	Syllabus Coverage	Nature of Questions and Answers	Questions to be Attempted	Maximum Marks
A	10	Complete	Objective Type	10 (1 mark each)	10
	4	Complete	Short answer type (25 to 50 words)	4 (3 mark each)	12
B	2	UNIT 1	Choice based Long answer type	1 (12 marks each)	12
C	2	UNIT 2	Choice based Long answer type	1 (12 marks each)	12
D	2	UNIT 3	Choice based Long answer type	1 (12 marks each)	12
E	2	UNIT 4	Choice based Long answer type	1 (12 marks each)	12
TOTAL					70

THEORY

Unit	Topic	Allotted Time (hours)		
		L	T	P
I	Design Fundamentals <ul style="list-style-type: none"> • Objectives of Art & Interior Design. • Types of Design: Structural & Decorative. • Elements of Content: Space, Point, Line, Shape, Form, Texture, Light & Color. • Elements of Order: Scale, Similarity, Proximity, Sequence, Trends, Themes, Geometrical Organization. • Principles of Composition – Rhythm, Balance, Proportion, Emphasis, Unity, (Variety, Simplicity/Economy, Suitability). 	15	6	0
II	Composition of a Drawing – Harmony, Clarity, Adequacy. <ul style="list-style-type: none"> • Color & its Application. <ul style="list-style-type: none"> - Dimensions of color - Importance of color & its role in creation of the design - Color systems & Theories - Color Harmonies - Principles of Design as applied to color use - Color Forecasting • Design Drawing – Drawing as a language to explore & communicate Ideas. 	15	6	0
III	Furniture & Furnishings: Historical Perspectives & Contemporary Trends <ul style="list-style-type: none"> • History of Interior Design – including periods like Mughal Architecture, Colonial style, Renaissance. • Architectural Styles –based on themes and main periods, like post Renaissance and modern style. • Contemporary Trends in Interior Design with respect to furniture, furnishings & accessories. 	15	6	0
IV	<ul style="list-style-type: none"> • Furniture – Types, Construction, Selection and purchase, Arrangement, Care and maintenance • Furnishings – selection, care and maintenance of fabrics used for – <ul style="list-style-type: none"> - Soft furnishings: curtains and draperies, upholstered furniture, cushions and pillows, etc. - Floor coverings • Accessories – Uses, Classification, Design, Selection & Arrangement. • Traditional and Modern Surface Finishes – types and uses <ul style="list-style-type: none"> - Furniture - Wall - Floor - Ceilings - Roofing • Lighting applications (Energy efficient lighting design – number and type of lamps and luminaries for efficiency in lighting). • Accessories – Uses, Classification, Design, Selection & Arrangement. 	20	7	0
	Total Hours	65	25	0

L-Lecture, T-Tutorial and P-Practical

PRACTICALS

BASICS OF INTERIOR DESIGN BARMDA509 (P)

Marks Allocation Scheme

Particulars	Maximum Marks
Method and Technique used	20
Practical File	05
Viva Voce	05
Total	30

Unit	Topic	Allotted Time (hours)
		P
1	<ul style="list-style-type: none"> • Drawing – Introduction to drawing instruments & tools (manual & computer tools) Drawing lines (freehand & with drawing instruments) - both 2-dimensional & Lettering. • Sketching (figures, buildings, trees & plants, vehicles) - both 2-dimensional & dimensional • Rendering for different surfaces such as trees, brick, grass, water, wood, stone, earth, concrete using Water Colours, Stubbing, Pencil Colours 	3
2	Preparation of catalogue comprising pictures denoting application of Art & Elements of Design; Colour - Colour Wheel, Dimension & Harmonies of Colour.	2
3	Floor plans with rendering (Theme based- Manual/Computer aided)	2
4	Elevation & perspective plans with rendering (Manual/Computer aided)	2
5	Furniture & furnishing plans of specific areas- Critical Analysis	2
6	Preparation of portfolio based on historical designs & market review of furniture and furnishing materials (upholstery, curtains and draperies, bed & table linen) <ul style="list-style-type: none"> - Wall coverings & decorations (pictures, etc) - Floor coverings & decorations - Window & door treatments - Lighting systems - Artifacts (sculptures, ceramics/terracotta, handicrafts, flower arrangements, etc.) - Fittings and fixtures - Wood and its substitutes. 	4
	Total	15

RECOMMENDED READINGS

- Lawrence M, (1987), Interior Decoration, New Jersey: Chartwell Books.
- Riley & Bayen., (2003), The Elements of Design, Mitchell Beazley.

**SEMESTER VI
SKILL BASED COURSE (SEC- 04)**

WASTE TO WEALTH BARMDA610 (P)

Course Code	BARMDA610		
Credits-2	L	T	P
	30	15	0
Course Type	Core		
Lectures to be Delivered	45		

L-Lecture, T-Tutorial, P-Practical

Continuous Comprehensive Assessment (CCA)

Minor Test (Marks)	Assignments /Seminars/ Class Test/ Tutorials/ Quiz (Marks)	Attendance	Total Marks
6	2	2	10

The pattern of examination for conducting the minor tests will be same as prescribed for the end semester examination.

End Semester Examination System (Practical)

Components	Maximum Allotted Marks	Minimum Pass Marks	Time Allotted
Practical	30	14	3.00 Hrs

Paper Setting Scheme for End Semester Examination

Particulars	Maximum Marks
Method and Technique used	20
Practical File	05
Viva Voce	05
Total	30

PRACTICAL

Sr. no.	Topic	Allotted Time (hours)
		P
1	Explore kind of waste available/generated by people.	3
2	Explore ideas for reusing and recycling the waste generated by residents.	2
3	Case profile of success stories of waste to wealth.	5
4	Develop prototype/ project for reuse and recycling of waste.	5
	Total	15

RECOMMENDED READINGS

- Lal, Banwari & Sarma, Priyangshu M. (2011) Wealth from Waste: Trends and Technologies, 3rd ed. New Delhi: The Energy and Resources Institute.
- McDonough, William and Braungart, Michael. (2002). Cradle to Cradle: Remaking the Way We Make Things, United States: North Point Press.

DISCIPLINE SPECIFIC ELECTIVE (DSE)
HUMAN RESOURCE MANAGEMENT (BARMDA611)

Course Code	BARMDA611		
Credits-4	L	T	P
	60	15	15
Course Type	Core		
Lectures to be Delivered	90		

L-Lecture, T-Tutorial, P-Practical

Continuous Comprehensive Assessment (CCA)

Minor Test (Marks)	Assignments /Seminars/ Class Test/ Tutorials/ Quiz (Marks)	Attendance	Total Marks
15	10	5	30

The pattern of examination for conducting the minor tests will be same as prescribed for the end semester examination.

End Semester Examination System (Theory/Practical)

Components	Maximum Allotted Marks	Minimum Pass Marks	Time Allotted
Theory	40	18	3.00 Hrs
Practical	30	14	3.00 Hrs
Total	70	32	6.00 Hrs

Paper Setting Scheme for End Semester Examination

Section	No of Questions	Syllabus Coverage	Nature of Questions and Answers	Questions to be Attempted	Maximum Marks
A	12	Complete	Objective Type	12 (1/2 mark each)	6
	3	Complete	Short answer type (25 to 50 words)	3 (2 mark each)	6
B	2	UNIT 1	Choice based Long answer type	1 (7 marks)	7
C	2	UNIT 2	Choice based Long answer type	1 (7 marks)	7
D	2	UNIT 3	Choice based Long answer type	1 (7 marks)	7
E	2	UNIT 4	Choice based Long answer type	1 (7 marks)	7
TOTAL					40

THEORY

Unit	Topic	Allotted Time (hours)	
		L	T
I	Human Resources Management <ul style="list-style-type: none"> • Concept, Scope and Significance • Organisation Theories • Human Resource Development and its challenges 	15	4
II	Functions of HRD <ul style="list-style-type: none"> • Manpower planning • Job Analysis – job description and job specification • Recruitment, selection and placement 	15	4
III	<ul style="list-style-type: none"> • Performance appraisal and development • Basics of Employee compensation • Training and Development • Motivation 	15	4
IV	Human Resources Audit <ul style="list-style-type: none"> • Concept • Significance • Process 	15	3
	Total Hours	60	15

L-Lecture, T-Tutorial and P-Practical

PRACTICALS

HUMAN RESOURCE MANAGEMENT BARMDA 611(P)

Marks Allocation Scheme

Particulars	Maximum Marks
Method and Technique used	20
Practical File	05
Viva Voce	05
Total	30

Unit	Topic	Allotted Time (hours)
		P
1	Case study analysis and secondary research.	5
2	Simulations/Presentations HR Planning – Job Analysis and Design (Levels). Selection and Recruitment Strategies Interview techniques and skills (mock interview) Performance Appraisals – Methods	10
	Total	15

RECOMMENDED READINGS

- Aswathappa. K, 2008, Human Resource and Personnel Management - Text and cases, Tata McGraw-Hill Publishing Company Ltd, New Delhi.
- Gary Dessler, 2006, Human Resource Management, Prantice Hall of India Pvt. Ltd, New Delhi.
- Subbaroo, R., 2007, Personnel and HRM – Text and Cases, Himalaya Publishing House, New Delhi.

GENERIC ELECTIVE (GE)

ENTREPRENEURSHIP DEVELOPMENT (BARMDA612)

Course Code	BARMDA612		
Credits-5	L	T	P
	65	25	0
Course Type	Core		
Lectures to be Delivered	90		

L-Lecture, T-Tutorial, P-Practical

Continuous Comprehensive Assessment (CCA)

Minor Test (Marks)	Assignments /Seminars/ Class Test/ Tutorials/ Quiz (Marks)	Attendance	Total Marks
15	10	5	30

The pattern of examination for conducting the minor tests will be same as prescribed for the end semester examination.

End Semester Examination System (Theory/Practical)

Components	Maximum Allotted Marks	Minimum Pass Marks	Time Allotted
Theory	40	18	3.00 Hrs
Practical	30	14	3.00 Hrs
Total	70	32	6.00 Hrs

Paper Setting Scheme for End Semester Examination

Section	No of Questions	Syllabus Coverage	Nature of Questions and Answers	Questions to be Attempted	Maximum Marks
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	4	Complete	Short answer type (25 to 50 words)	4 (3 mark each)	12
B	2	UNIT 1	Choice based Long answer type	1 (12 marks each)	12
C	2	UNIT 2	Choice based Long answer type	1 (12 marks each)	12
D	2	UNIT 3	Choice based Long answer type	1 (12 marks each)	12
E	2	UNIT 4	Choice based Long answer type	1 (12 marks each)	12
TOTAL					70

THEORY

Unit	Topic	Allotted Time (hours)		
		L	T	P
I	Entrepreneurship Development <ul style="list-style-type: none"> • Entrepreneurship- concept, definition, need and significance of entrepreneurship development in India, entrepreneurship growth process, barriers, entrepreneurship education model. • Entrepreneur-their characteristics, types, gender issues, role demands and challenges. • Entrepreneurial Motivation. • Challenges faced by Women Entrepreneurs 	20	7	0
II	Enterprise Planning and Launching <ul style="list-style-type: none"> • Types of enterprises classification based on capital, product, location, ownership pattern and process • Sensing business opportunities and assessing market potential; market research • Appraising of project and feasibility 	20	7	0
III	Enterprise Management and Networking <ul style="list-style-type: none"> • Managing Production <ul style="list-style-type: none"> • Organizing Production; input-output cycle • Ensuring Quality • Managing Marketing <ul style="list-style-type: none"> • Understanding markets and marketing • Functions of Marketing • 4Ps of Marketing(same as marketing mix) • Financial Management <ul style="list-style-type: none"> • Meaning of Finance • Types and Sources of Finance • Estimation of project cost • Profit Assessment • Networking of Enterprises 	15	6	0
IV		10	5	0
	Total Hours	65	25	0

L-Lecture, T-Tutorial and P-Practical

PRACTICAL

ENTREPRENEURSHIP DEVELOPMENT BARMDA612 (P)

Particulars	Maximum Marks
Method and Technique used	20
Practical File	05
Viva Voce	05
Total	30

Unit	Topic	Allotted Time (hours)
		P
1	Case study analysis and secondary research.	2
2	Simulations/Presentations HR Planning – Job Analysis and Design (Levels). Selection and Recruitment Strategies Interview techniques and skills (mock interview) Performance Appraisals – Methods	3
3	SWOT analysis with respect to entrepreneurial competencies through case profiling of successful entrepreneurs and enterprises.	3
4	Achievement Motivation lab-development of entrepreneurial competencies	2
5	Survey of an institution facilitating entrepreneurship development in India.	3
6	Preparation of business plan.	2
	Total	15

RECOMMENDED READINGS

- Gundry Lisa K. & Kickul Jill R., 2007, Entrepreneurship Strategy: Changing Patterns in New Venture Creation, Growth, and Reinvention, SAGE Publications, Inc.
- Taneja & Gupta, 2001, Entrepreneur Development- New Venture Creation, Galgotia Publishing Company