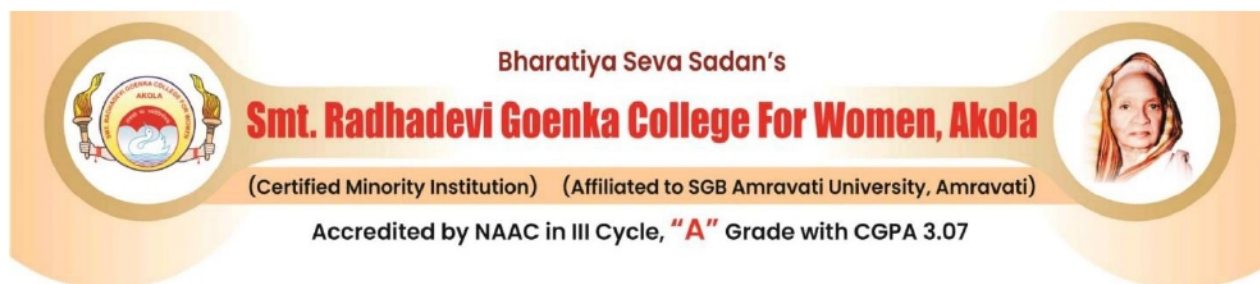


## Criterion I : Curricular Aspects





### Total number of courses that include experiential learning through project work/field work/internship Session – 2022-23

2022-2023			
Sr. No.	Program Name	Course Name	Course Code
1.	Bachelor of Computer Application	Advanced Database Management System (Project Writing)	1065
2.	Bachelor of Commerce	Essential of E-Commerce	3069
3.	Master of Arts (Music)	Music Project & Viva	2361
4.	Master of Science (Home Science) FSN	Dissertation	242DR63
5.	Master of Science (Home Science) HD	Dissertation	243DR64
6.	Bachelor of Arts	Hindi (Study Visit)	1012
7.	Bachelor of Arts	Home Economics (Field Visit)	1113
8.	Bachelor of Arts	Economics (Study Visit)	1022
9.	Bachelor of Arts	Sociology (Field Visit)	1024
10.	Bachelor of Science (Home Science)	Human Development (Field Visit)	1042
11.	Bachelor of Science (Home Science)	Family & Child Welfare (Educational Visit)	1355
12.	Bachelor of Commerce	Business Environment (Industrial Visit)	3052
13.	Bachelor of Arts	Environmental Studies	EVS
14.	Bachelor of Commerce	Environmental Studies	EVS
15.	Bachelor of Science (Home Science)	Environmental Studies	EVS
16.	Bachelor of Computer Application	Environmental Studies	EVS
17.	Bachelor of Business Administration	Environmental Studies	EVS

## Criterion I : Curricular Aspects

Bharatiya Seva Sadan's  
**Smt. Radhadevi Goenka College For Women, Akola**  
(Certified Minority Institution) (Affiliated to SGB Amravati University, Amravati)  
Accredited by NAAC in III Cycle, "A" Grade with CGPA 3.07



### CERTIFICATE

This is to certify that the documents attached in **Criterion I Curricular Aspects** are verified and found correct to the best of my knowledge.



Near Nehru Park, Murtizapur Road, Akola - 444001 (M.S.) • Email : [rdgcollegeakola@gmail.com](mailto:rdgcollegeakola@gmail.com) • [www.rdgakola.ac.in](http://www.rdgakola.ac.in)



**Sant Gadge Baba Amravati University, Amravati  
Affiliating University Curriculum**

**B.C.A. III Sem. VI Advanced Database Management System (Project Writing)**

B.C.A..Part-I,II & III  
(Sem-I to VI)

Prospectus No. 20131221

**संत गाडगे बाबा अमरावती विद्यापीठ  
SANT GADGE BABA AMRAVATI UNIVERSITY**

**विज्ञान विद्याशाखा  
(FACULTY OF SCIENCE)**

**PROSPECTUS  
OF  
B.C.A.PART-I, II & III (SEMESTER-I to VI)  
SEMESTER-I, III & V EXAM. WINTER-2012 &  
SEMESTER-II, IV & VI EXAM. SUMMER-2013 &  
ONWARDS**



2012

Price Rs. ....../-

## Criterion I : Curricular Aspects

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4.	1ST1	Computer Fundamentals	18
5.	1ST2	C Programming	18
6.	1ST3	Digital Techniques-I	19
7.	1ST4	Numerical Methods	20
8.	1ST5	Discrete Mathematics	21
9.	1ST6	Communication Skills	22
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11.	1SP2	Lab-II	23
12.	1SP3	Lab-III	23
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## Criterion I : Curricular Aspects

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---

## Criterion I : Curricular Aspects

54

Choices in tuning queries and views, DBMS Benchmarking, Security.

**Unit-II** : Concurrency control transactions and schedule, Serializability, Lock based concurrency control lock management, specialized locking techniques, control without locking.

Crash Recovery, Introduction to crash recovery, Log, Check pointing, Recovery from a system crash.

**Unit-III** : Parallel and distributed databases. Architectures for parallel databases, Parallel query Evaluation and optimization, Parallelizing individual operations, Introduction to distributed databases, Architecture, Fragmentation and Replication, Catalog management, Distributed Query processing, updating distributed data, Distributed transaction management, Distributed Concurrency control, Distributed recovery.

**Unit-IV** : **Object database Systems** : Objects, Identity, inheritance, Database Design for an ORDBMS, Storage and access methods, Query processing and optimization, Comparing RDBMS with OODBMS and ORDBMS.

**Unit-V** : **Data Warehousing**  
Introduction, DSS and OLTP, Metadata Management in Data Warehouse. Related data structures, OLAP and Data Warehousing environment.  
Data mining.  
Introduction and application areas.

### Books :

- 1) Database Management System -Raghu Ramkrishna McGraw Hill. International Editions.
- 2) Introduction to Database System by C.G.Date.



## Criterion I : Curricular Aspects

55

**6SP1: LAB I-6ST1+6ST2:** Minimum 8 practical on each.

The distribution of marks in Practical examination is given as:

(1) Program writing/ execution based on 6ST1	15 marks.
(2) Program writing/ execution based on 6ST2	15 marks.
(3) Practical Record	10 marks.
(4) Viva-Voce	10 marks.
<hr/>	
<b>50 marks.</b>	
<hr/>	

**6SP2: LAB II-6ST3+6ST4:** Minimum 8 practical on each.

The distribution of marks in Practical examination is given as:

(1) Program writing/ execution based on 6ST3	15 marks.
(2) Program writing/ execution based on 6ST4	15 marks.
(3) Practical Record	10 marks.
(4) Viva-Voce	10 marks.
<hr/>	
<b>50 marks.</b>	
<hr/>	

**6SP3: LAB III-Project work with Report.**

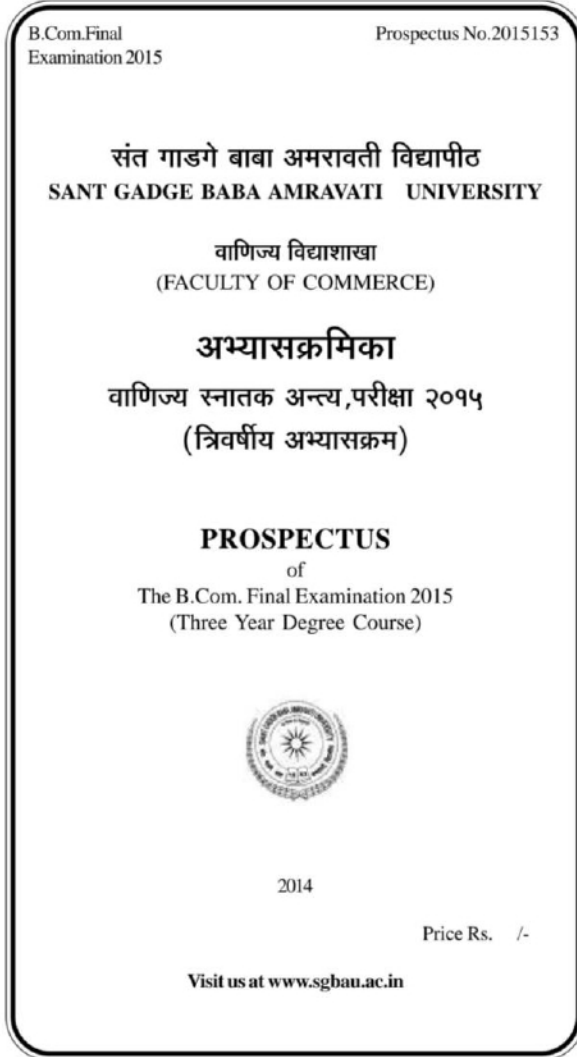
**The distribution of marks in Practical examination is given as:**

(1) Project Work with Report	30 marks.
(2) Viva-Voce	20 marks.
<hr/>	
<b>50 marks.</b>	
<hr/>	

\*\*\*\*\*

## Criterion I : Curricular Aspects

### B.Com. III (Essential E-Commerce)



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Amravati University  
Amravati- 444 602

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## Criterion I : Curricular Aspects

Prospectus No. 2015153  
B.Com. Final

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7.	Marathi (Compulsory)	23-24
8.	Hindi (Compulsory)	25
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10.	Pali & Prakrit (Compulsory)	27-28
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13.	Cost and Management Accounting	30-32
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15.	Business Regulatory Framework and Company Law.	34-35
	<b>Any One Combination from the following</b>	
	<b>Combination-I (Finance)</b>	
16.	Agricultural Management	35-36
17.	Co-operative Management	36-37
	<b>Combination-II (Marketing)</b>	
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21.	Indian Banking System.	41-42
	<b>Combination-IV (E-Commerce)</b>	
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	<b>Combination-V (Computer Application)</b>	
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26.	E.R.P. MIS & DSS	49-50
27.	Business with www	51-52

## Criterion I : Curricular Aspects

43

Internet Relay Chat (IRC); Frequently asked questions(FAQ); The world wide web consortium (W3C)- Origin and evolution, standardizing the web; W3C members; W#C recommendations; Browsing Searching; Browsing and information retrieval; Exploring the world wide web; Architecture of world wide web; Hyperlink; Hyper Text Markup Language(HTML); Hyper Text Transfer Protocol(HTTP); Address-URL.

- Unit-III: Designing Website/Webpage:**  
 WW operations; Web standards; HTML-concepts and version; Naming scheme for HTML documents; HTML editor; Explanation of structure of the home page; Elements in HTML documents; Frontpage Express-Using Frontpage to create web pages; Entering text; Changing text size; Colour; Style; Font; Justification; Inserting images; Creating hyperlinks; Symbol; Lines; Labels and Forms.
- UNIT-IV: Web Browsing:**  
 Browsers; Basic functions of web browsers; Browsers with advanced facility; Internet Explorer; Netscape Navigator; Netscape Communicator.
- Unit-V : Search Engine/Directories :**  
 Directoy; General features of the search engines; Approaches to website selection; Major search engines; Specialization search engines; Popular search engines/ directories; Guidelines for effective searching; A general approach to searching.

**BOOKS RECOMMENDED:**

1. Agarwaka Kamlesh N. and Agrawala Deeksha: Bridge to the online Storefront; Macmillon India, New Delhi.
2. Phillips Lee Anne  
Practical HTML 4, Prentice Hall New Delhi.
3. Minoli Daniel, Minoli Emma.  
Web Commerce Technology Handbook, Tata Mc Graw Hill, New Delhi
4. Deitel Harvey M. and Deitel Paul J. and Neita T.R.: Complete Internet and World Wide Web Programming Training Course; Prentice Hall, New Delhi.
5. इंटरनेट आणि वर्ल्ड वाईड वेब (w.w.w.) - Prof.S.M.Kolte, Pimpalapur & Co., Publishers, Nagpur.
6. Internet and World Wide Web- Prof. Uday Shrikrishna Kale, Shri Sainath Prakashan, Dharampeth, Nagpur - 10

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**SCHEME OF EXAMINATION**

Year	Paper	Total Marks		Minimum Passing Marks	
		T	P	T	P
B.Com III	Internet and W.W.Web	70	* 30	24	11

**\* Division of Marks for Practical.**

Record Preparation	5	Marks
Practical	15	Marks
Description	5	Marks
Viva	5	Marks
Total ..		30
		Marks

( Use answerbook for practical provided by the University)

**Notes :** B.Com III Practical batch will be of 20 students.  
**Practicals:** Based on syllabus.

**ii) ESSENTIALS OF E-COMMERCE**

**Time: 3 Hours** **Marks: 70**

**Objective :** The objective of this course is to familiarize the students with the basics of e-commerce and to comprehend its potential.

**Unit-I: Internet and Commerce:**

- 1.1** Business Operations: e-commerce practices vs traditional business practices; Concepts of b2b, b2c, c2c, b2g, g2b, g2c; Benefits of e-commerce to organizations, consumers and society; Limitation of e-commerce.
- 1.2** E-Commerce Operations : Credit card transaction; Electronic payment systems; Cybercash; Smart cards; Indian payment models.

**Unit-II:**

**Applications in B2C :**

Consumers' shopping procedure on the internet; impact on dis-intermediation and re-intermediation; Global Market; Strategy of traditional departmental stores; Products in B2C models; Online banking and its benefits; Online financial services and their future; E-auctions-benefits, implementation and impact.



## Criterion I : Curricular Aspects

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- Unit-III: Applications in B2B:**  
Applications of b2b; Key technologies for b2b; Architectural models of b2b; Characteristics of the supplier-oriented marketplace, buyer-oriented marketplace, and intermediary-oriented marketplace; Benefit of b2b on procurement reengineering, Just in Time delivery in b2b; Internet based EDI from traditional EDI; Marketing issues in b2b.
- Unit-IV: Applications in Governance :**  
EDI in governance; E-government; applications of internet; Concept of government -to-business, business-to-government, and citizen-to-government; E-governance models; Private sector interface in e-governance.
- Unit-V : Emerging Business Models :**  
Retail model; Media model; Advisory model; Made-to-order model; Do-it-yourself model; Information model; Emerging hybrid models; Emerging models in India.

### BOOKS RECOMMENDED:

1. Agarwala Kamalesh N. and Agrawal Deeksha :  
Bride to Online Storefront; Macmillon India, New Delhi.
2. Agarwala Kamalesh N. and Agrawala Deeksha:  
Business on the Net-Introduction to E-Commerce; Macmillon India, New Delhi.
3. Agarwala Kamalesh N. and Agrawala Deeksha :  
Bulls, Bears and The Mouse- An Introduction to Online Stock Market Trading; Macmillon India, New Delhi.
4. Tiwari Dr. Murlidhar Dr.:  
Education and JE-Governance; Macmillon India, New Delhi.
5. Afuah A. and Tucci C.:  
Internate Business Models and Strategies, Mc Graw Hill, New York.

### Internal Assessment Scheme

1. Student will have to work under the guidance of the teacher and submit project report before one month of the commencement of the theory examination.
2. Student will have to work for project report throughout the year. He will visit different industries and consultants to seek their help and prepare project report under the guidance of the teacher.
3. A record of internal assessment must preserve and be presented by concern teacher for inspection if needed by concern authority upto six months from the date of declaration of result.
  - i) Weightage between theory and sessional should be 70%

- 46
- and 30% respectively.
- ii) 30% marks will be based on continuous evaluation of the student assignment, Class test, Seminars and Education tours and Project Report.
- NOTE:** Minimum three assignment and three Class test and one educational tour should be conducted clearing the year.

\*\*\*\*\*

### COMBINATION - V (Computer Application)

(To be implemented from the session 2012-13)

#### (i) COMPUTER PROGRAMMING WITH VB.NET & ORACLE

**Time 3 hours) (Marks-100**

(70 Marks for Theory and 30 Marks for Practical)

- Unit - I : Introduction to VB. Net, VB. Net project, design object, classes, Application object relationship, class design.
- Unit-II : VB. Net Language : Variables, Expressions, Statements Blocks, Structure variables, enumerevates, Classes object, Control structures : Selection structures, Sub functions & parameters, errors & exceptions, scope.
- Unit-III : Object & Arrays : Data & object, Structures, Organizing data, arrays, collections, inheritance, Polymorphism. Winforms application : Winforms basics, user interface, Form Dialogus boxes, other options, Forms styles, Database & files in VB.Net.
- Unit-IV : Introduction to ORACLE : History & standardisation of SQL, Elements of SQL Database object, reserve words, Keywords, Variable, Data type operators. Types of SQL : DDL (Data Definition Language), (DML) Data manipulation language and (DCL) Data Control Language.
- Unit-V : PL/SQL : Introduction, Variable, Initialization of variable, Dynamic data types, Control Loop statements.

### Reference Books :

1. Microsoft Press : MS Visual Basic .net step by step.
2. Microsoft Press : Programming MS Visual Basic. net.
3. Oracle Press : Oracle.
4. PL/SQL in 21 days (Techmedia) SAMS : Oracle PL/SQL.

## Criterion I : Curricular Aspects

### M.A. (Indian Music)

#### एम.ए.सेमिस्टर-१

#### प्रायोगिक - मौखिक (Viva)

प्रश्नपत्र - १

(संगीताचे क्रियात्मक शास्त्र आणि सांगीतिक रचना)

वेळ - १ तास

पूर्णांक - १००

बाह्य मूल्यांकन - ८०

अंतर्गत मूल्यांकन २०

१) रागज्ञान

अ) पाठ्यक्रमातील राग

विभाग अ

i) अहिरभैरव

ii) बैरागी भैरव

iii) नटभैरव

iv) गुणक्री

v) बिभास (भैरव थाट)

ब) वरील प्रत्येक विभागातील किमान दोन राग करणे आवश्यक.

क) पाठ्यक्रमातील कोणत्याही दोन रागांमध्ये विलंबित ख्याल तसेच मध्यलयीतील बंदिश विस्तृत गायकीसह

ड) पाठ्यक्रमातील कोणत्याही दोन रागांमध्ये (विस्तृत गायकीचे राग सोडून) विलंबित ख्यालातील फक्त बंदिशी

इ) विलंबित ख्यालासाठी निवडलेल्या रागांव्यतिरिक्त पाठ्यक्रमातील कोणत्याही चार रागातील

छोट्याख्यालाच्या बंदिशी गायकीसह

१) वरील रागांपैकी कोणत्याही रागात एक धृपद (गायकी व विविध लयकारीसह) एक तराना (विस्तृत गायकीसह)

विभाग ब

i) शुद्धसारंग

ii) मधमाद सारंग

iii) गौडसारंग

iv) मियों का सारंग

v) सामंत सारंग

विभाग क

i) देशकार

ii) चारुकेशी

iii) झिंझोटी

iv) खंबावती

v) बसंत मुखारी

क्रियात्मक अंतर्गत अ) प्रात्यक्षिक वही तयार करणे (सादरीकरणप्रमाणे)

-०५ गुण

गुण : ब) घटक / वार्षिक चाचणी परीक्षा

- ०५ गुण

क) वरील अभ्यासक्रमावर आधारित घेतलेला प्रकल्प व त्याचे सादरीकरण -१० गुण

एकूण २० गुण

#### एम.ए.सेमिस्टर -१

#### प्रायोगिक - मंच प्रदर्शन (Stage Performance)

प्रश्नपत्र २

वेळ- ४० मिनिट

पूर्णांक - १००

बाह्य मूल्यांकन - ८०

अंतर्गत मूल्यांकन २०

१) पाठ्यक्रमातील कोणत्याही एका रागाची ऐच्छिक निवड करुन विलंबित ख्याल व छोट्याख्याल गायकीसह प्रस्तुति करणे. (४० गुण)

१) अ) परीक्षकांनी सुचविलेल्या तीन रागांपैकी एका रागात छोट्याख्याल गायकीसह प्रस्तुत करणे (२० गुण)

ब) उपशास्त्रीय गीतप्रकार - नाट्यगीत व गजल

(२० गुण)

क्रियात्मक अंतर्गत गुण : अ) हार्मोनियम साथसंगत

-१० गुण

ब) तानपुरा वाजविणे

- १० गुण

## Criterion I : Curricular Aspects

एकूण २० गुण

### एम.ए.सेमिस्टर-१

गायन / स्वरवाद्य पाठ्यक्रम

प्रश्नपत्र -३

शास्त्रीय संगीताचे क्रियात्मक सिध्दांत

वेळ ३ तास

घटक-१ अ) पाठ्यक्रमातील रागांचे शास्त्रीय विवेचन आलाप तानांसहीत.	पूर्णांक — १००
ब) पाठ्यक्रमातील गीतप्रकार लिपीबद्ध करणे	बाह्य मूल्यांकन — ८०
घटक-२ रागांग वर्गीकरणाचे अध्ययन आणि भैरव व सारंग रागांगाचे विश्लेषण	अंतर्गत मूल्यांकन - २०
घटक-३ अ) स्वरप्रस्तार, खंडमेरु, नष्टोद्दीष्ट चे अध्ययन	१६ गुण
ब) तान रचना व तिहाईचा सिध्दांत	१६ गुण
घटक-४ अ) भारतीय संगीतासाठी कंठसंस्कार विधी	
ब) स्वरोत्पादक यंत्र व कर्णोद्भ्रिय रचनेचे अध्ययन	१६ गुण
घटक-५ संपूर्ण पाठ्यक्रमावर आधारित वस्तुनिष्ठ प्रश्न	१६ गुण
सैध्दांतिक अंतर्गत गुण : अ) वरील अभ्यासक्रमावर आधारित घेतलेला प्रकल्प व त्याचे सादरीकरण	-१० गुण
ब) गटचर्चा (Group Discussion)	१० गुण

एकूण २० गुण

### एम.ए.सेमिस्टर-१

गायन / स्वरवाद्य पाठ्यक्रम

प्रश्नपत्र -४

प्राचीन भारतीय संगीताचा इतिहास व शास्त्र  
(वैदिक काळापासुन ११ वी शताब्दी पर्यंत)

वेळ ३ तास

घटक-१ अ) संगीताच्या उत्पत्तीबाबत विविध तज्ञांच्या मतांचे अध्ययन या संदर्भात भारतीय व पाश्चात्य मतांचा परिचय	पूर्णांक — १००
ब) वैदिक आणि शिक्षा ग्रंथ, पौराणिक ग्रंथ, रामायण,महाभारत, मौर्य व गुप्त कालीन संगीताचा परिचय	बाह्य मूल्यांकन — ८०
घटक-२ अ) दत्तिलम, नाट्यशास्त्र बृहदेशी आणि भरतभाष्यम् या ग्रंथांचा सामान्य परिचय.	अंतर्गत मूल्यांकन २०
ब) चित्रा, विपंची, मत्तकोकीला, त्रिपुष्कर, मृदंग, पणव, दर्दुर, जयघंटा, कास्यताल या वाद्यांचा सामान्य परिचय.	१६ गुण
घटक-३ गांधर्वगान, मार्ग-देशीसंगीत, ग्राम, मुच्छना, चतुःसारणा व ग्रामराग आदि दशविध राग वर्गीकरणाचे अध्ययन	१६ गुण
घटक-४ अ) मार्गताल व देशीताल पध्दतीचे अध्ययन व तालाचे दहा प्राण	१६ गुण
घटक-५ संपूर्ण पाठ्यक्रमावर आधारित वस्तुनिष्ठ प्रश्न	१६ गुण
सैध्दांतिक अंतर्गत गुण : अ) अभ्यासक्रमावर आधारित सेमिनार	-१० गुण
ब) अभ्यास दौरा (Study Tour)	१० गुण

एकूण २० गुण

संदर्भग्रंथ सूची

- १) हिंदुस्थानी संगीत क्रमिक पुस्तक मालिका भाग १ ते ६ पं. वि.ना.भातखंडे संगीत प्रकाशक कार्यालय, हाथरस
- २) अभिनव गितांजली, भाग १ ते ५ पं. रामश्रय झा.संगीत सदन, इलाहबाद
- ३) शास्त्र परिचय, भाग १ ते ५ हरिश्चंद्र श्रीवास्तव, संगीत सदन इलाहबाद.
- ४) भातखंडे संगीत शास्त्र पं.वि.ना.भातखंडे संगीत कार्यालय, हाथरस
- ५) संगीत परिभाषा- विवेचन पं.श्रीकृष्ण रातंजनकर, आचार्य, एस एन.रातंजनकर फौंडेशन मुंबई
- ६) राग विज्ञान, विनायकबुवा पटवर्धन.

## Criterion I : Curricular Aspects

- 9) संगीत शास्त्र दर्पण, शांती गवर्धन, संगीत कार्यालय, हाथरस.
- ८) संगीत शास्त्र विजयनी – पं.नारायण मंगरुळकर, स्वर संपदा केंद्र कोस्टीपुरा मार्ग सिताबर्डी नागपूर.
- ९) संपूर्ण विशारद शास्त्र (तबला) समीर जगताप, मधुराज पब्लिकेशन, पुणे.
- १०) संगीत शास्त्र विज्ञान डॉ.सुचिता बिडकर, संस्कार प्रकाशन, ६-४०० अभ्यदनगर, काळा चौक मुंबई
- ११) संगीत प्रविण दर्शिका पं. नारायण लक्ष्मण गुणे, साधना गुणे ५८ पुरा ठाकुर किटगंज इलाहाबाद
- १२) गुरतुर गा ले राग, प्रो.गुणवंत माधवलाल व्यास, वैभव प्रकाशन, नागपूर.
- १३) वसंत सुधा, डॉ.धनश्री पांडे, विद्या विकास प्रकाशन, नागपूर.
- १४) संगीत विशारद वसंत संगीत कार्यालय, हाथरस
- १५) स्वकिया पं.गुणवंत माधवलाल व्यास, व्यासमुनी संस्थान, रायपूर.
- १६) बंदीशीच्या बंदीशी पं.देवीदासपंत काळे गुरुजी प्रा.कमल भोंडे अमरावती.
- १७) नादकमल प्रा.कमल मु भोंडे मुरलीधर अ भोंडे, अमरावती.
- १८) संगीत समाधान डॉ.मधू शुक्ला, पाठक पब्लिकेशन इलाहाबाद.
- १९) भारतीय संगीत (गायन) शास्त्र (सैध्दांतिक) प्रा.डॉ.सौ.मानिक ना. मेहरे राघव डिस्ट्रीब्युटर नागपूर.
- २०) अनुपरागविलास भाग १, २ कुमार गंधर्व मौज प्रकाशन, मुंबई.
- २१) कहत गुणिजन, डॉ.साधना शिलेदार, विजय प्रकाशन नागपूर.
- २२) पं.वि.ना.भातखंडे यांचे संगीतशास्त्र आणि बंदीशीची मिमांसा,डॉ.भोजराज बी. चौधरी, मेघ प्रकाशन, अमरावती.
- २३) संगीतार्जन, डॉ.अर्चना अंभोर अमेय पब्लिकेशन, अकोला.
- २४) ग्वाल्हेर घराण्याचे शिलेदार पं.राजभैरव्या तथा पं.बाळासाहेब पुछ्वाले डॉ.राजेन्द्र देशमुख
- २५) संगीत चिंतन डॉ.भोजराज बी चौधरी नभ प्रकाशन, अमरावती .
- २६) संगीत सरिता,रमा सराफ विद्यानिधी प्रकाशन, दिल्ली.
- २७) भारतीय संगीत का इतिहास उमेश जोशी संगीत कार्यालय, हाथरस
- २८) भारतीय संगीत का इतिहास, ठाकुर जयदेव सिंह संगीत कार्यालय, हाथरस
- २९) भारतीय संगीत का इतिहास शरदचंद्र परांजपे, संगीत कार्यालय, हाथरस
- ३०) संगीत चिकित्सा डॉ.सतीश वर्मा, राधा प्रकाशन, नई दिल्ली.
- ३१) भारतीय संगीत शास्त्र तुलसीराम देवांगण, मध्यप्रदेश हिंदी ग्रंथ अकादमी
- ३२) भारतीय संगीत शास्त्र परंपरा लिपीक दासगुप्ता, कला प्रकाशन, अमरावती.
- ३३) भारतीय तंत्रिवाद्य डॉ.प्रकाश महाडिक, मध्यप्रदेश हिंदी ग्रंथ अकादमी
- ३४) भारतीय संगीत वाद्य, लालमणी मिश्रा.
- ३५) **Voice culture, S.A.K.Durga**
- ३६) आवाज साधना शास्त्र प्रो.बी.आर.देवधर.
- ३७) संगीत जिज्ञासा और समाधान, तेजसिंह हाट, बेकश आलमी फाँडेशन, लखनौ.
- ३८) संगीत विज्ञान एवं गणित,तेजसिंह पाट, बेकश आलमी फाँडेशन, लखनौ.
- ३९) संगीत विशारद, बसंत संगीत कार्यालय, हातरस उ.प्र.
- ४०) संगीत मेनूअल डॉ.मृत्यूनजय शर्मा, एच.जी.प्रकाशन, दिल्ली.
- ४१) स्वरार्थरामणी, गानसरस्वती किशोरी आमोणकर, राजहंस प्रकाशन, पुणे.
- ४२) निबंध संगीत, लक्ष्मी नारायण गर्ग, संगीत कार्यालय, हाथरस



## Criterion I : Curricular Aspects

एम.ए.सेमिस्टर-४

प्रायोगिक - मौखिक (Viva)

प्रश्नपत्र - १३

(संगीताचे क्रियात्मक शास्त्र आणि सांगीतिक रचना)

वेळ - १ तास

पूर्णांक - १००

बाह्य मूल्यांकन - ८०

अंतर्गत मूल्यांकन - २०

१) रागज्ञान

अ) पाठ्यक्रमातील राग

विभाग अ

i) मियाँ मल्हार

ii) सूरमल्हार

iii) गौडमल्हार

iv) रामदासी मल्हार

v) जयंतमल्हार

विभाग ब

i) मारवा

ii) सोहनी

iii) श्री

iv) भटियार

v) जयत

विभाग क

i) पूर्वी

ii) सरस्वती

iii) वसंतबहार

iv) गौरी

v) भिन्न षड्ज

ब) वरील प्रत्येक विभागातील किमान दोन राग करणे आवश्यक.

क) पाठ्यक्रमातील कोणत्याही दोन रागांमध्ये विलंबित ख्याल तसेच मध्यलयीतील बंदिश विस्तृत गायकीसह

ड) पाठ्यक्रमातील कोणत्याही दोन रागांमध्ये (विस्तृत गायकीचे राग सोडून) विलंबित ख्यालातील फक्त बंदिशी

इ) विलंबित ख्यालासाठी निवडलेल्या रागांव्यतिरिक्त पाठ्यक्रमातील कोणत्याही चार रागातील

छोट्याख्यालाच्या बंदिशी गायकीसह.

२) अ) वरील रागांपैकी कोणत्याही रागात एक तराना. गायकीसह.

ब) संपूर्ण एम.ए.च्या पाठ्यक्रमातील रागांपैकी कोणत्याही एका रागात चतुरंग गायकीसह

क्रियात्मक अंतर्गत गुण : अ) प्रात्यक्षिक वही तयार करणे (सादरीकरणप्रमाणे)

-०५ गुण

ब) घटक / वार्षिक चाचणी परीक्षा

- ०५ गुण

क) वरील अभ्यासक्रमावर आधारित घेतलेला प्रकल्प व त्याचे सादरीकरण

-१० गुण

एकूण २० गुण

एम.ए.सेमिस्टर ४

प्रायोगिक - मंच प्रदर्शन (Stage Performance)

प्रश्नपत्र १४

वेळ- ४० मिनिट

पूर्णांक - १००

बाह्य मूल्यांकन - ८०

अंतर्गत मूल्यांकन - २०

१) पाठ्यक्रमातील कोणत्याही एका रागाची ऐच्छिक निवड करून विलंबित ख्याल व छोटाख्याल

गायकीसह प्रस्तुत करणे.

४० गुण

२) अ)परीक्षकानी सुचविलेल्या तीन रागांपैकी एका रागात छोटाख्याल गायकीसह

प्रस्तुत करणे

२० गुण

ब) उपशास्त्रीय गीतप्रकार - टुमरी व दादरा

२० गुण

क्रियात्मक अंतर्गत गुण : अ) श्रवण आणि सादरीकरण

-१० गुण

ब) गीतांचे सादरीकरण (With Music Track)

- १० गुण

एकूण २० गुण

## Criterion I : Curricular Aspects

एम.ए.सेमिस्टर-४

गायन / स्वरवाद्य पाठ्यक्रम

प्रश्नपत्र -१५

शास्त्रीय संगीताचे क्रियात्मक सिध्दांत

वेळ ३ तास

पूर्णांक - १००

बाह्य मूल्यांकन - ८०

अंतर्गत मूल्यांकन - २०

घटक-१ अ) पाठ्यक्रमातील रागांचे शास्त्रीय विवेचन आलाप तानांसहीत ब) पाठ्यक्रमातील गीतप्रकार लिपीबद्ध करणे	१६ गुण
घटक-२ मल्हार व मारवा रागांगांचे अध्ययन	१६ गुण
घटक-३ शिक्षक, मंचकलाकार, संगीत संयोजक, समीक्षक, रेकॉर्डिस्ट, संगीत दिग्दर्शक या कलाकारांच्या निर्माती प्रक्रियेत संगीताची रोजगाराभिमुख दिशा	१६ गुण
घटक-४ कमीतकमी ६०० शब्दांमध्ये संगीत विषयाशी संलग्नित विषयावर निबंध	१६ गुण
घटक-५ संपूर्ण पाठ्यक्रमावर आधारित वस्तुनिष्ठ प्रश्न	१६ गुण

सैध्दांतिक अंतर्गत गुण : अ) संगीत अध्यापन पध्दती पाठ (किमान पाच पाठ) ब) सांगीतिक कार्यक्रमाचे समीक्षण करणे	-१० गुण १० गुण
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एकूण २० गुण

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एम.ए.सेमिस्टर-४

गायन / स्वरवाद्य पाठ्यक्रम

प्रश्नपत्र -१६

सौंदर्यशास्त्र आणि संशोधन पध्दती

वेळ ३ तास

पूर्णांक - १००

बाह्य मूल्यांकन - ८०

अंतर्गत मूल्यांकन - २०

घटक-१ सौंदर्यशास्त्राचा परिचय, विश्लेषण आणि परिक्षेत्र व सौंदर्यानुभूती प्रक्रिया व घटक	१६ गुण
घटक-२ कलेची परिभाषा, कलेचे वर्गीकरण, कलेचे माध्यम व विषयवस्तु	१६ गुण
घटक-३ 'रस'परिभाषा व त्यातील भेदांचे सामान्य अध्ययन तसेच 'संगीत' आणि 'रस' यांचा परस्पर संबंध	१६ गुण
घटक-४ अ) संशोधनाची परिभाषा व प्रक्रिया तसेच भारतीय संगीतामधील संशोधनाच्या दिशा ब) संशोधनातील विषयांची निवड, विषयाची रुपरेषा, व संदर्भ ग्रंथ सूची	१६ गुण
घटक-५ संपूर्ण पाठ्यक्रमावर आधारित वस्तुनिष्ठ प्रश्न	१६ गुण

सैध्दांतिक अंतर्गत गुण :Dissertation -२० गुण

### संदर्भग्रंथ सूची

- १) हिंदुस्थानी संगीत क्रमिक पुस्तक मालिका भाग १ ते ६ पं. वि.ना.भातखंडे संगीत प्रकाशक कार्यालय, हाथरस
- २) अभिनव गितांजली, भाग १ ते ५ पं. रामश्रय झा.संगीत सदन, इलाहबाद
- ३) शास्त्र परिचय, भाग १ ते ५ हरिश्चंद्र श्रीवास्तव, संगीत सदन इलाहबाद.
- ४) भातखंडे संगीत शास्त्र पं.वि.ना.भातखंडे संगीत कार्यालय, हाथरस
- ५) संगीत परिभाषा- विवेचन पं.श्रीकृष्ण रतंजनकर, आचार्य, एस एन.रतंजनकर फौंडेशन मुंबई
- ६) राग विज्ञान, विनायकबुवा पटवर्धन.
- ७) संगीत शास्त्र दर्पण, शांती गोवर्धन, संगीत कार्यालय, हाथरस
- ८) संगीत शास्त्र विजयनी - पं.नारायण मंगरुळकर, स्वर संपदा केंद्र कोस्टीपुरा मार्ग सिताबर्डी नागपूर.

## Criterion I : Curricular Aspects

- ९) संपूर्ण विशारद शास्त्र (तबला) समीर जगताप, मधुराज पब्लिकेशन, पुणे.
- १०) संगीत शास्त्र विज्ञान डॉ.सुचिता बिडकर, संस्कार प्रकाशन, ६-४०० अभ्यदनगर, काळा चौक मुंबई
- ११) संगीत प्रवीण दर्शिका पं. नारायण लक्ष्मण गुणे, साधना गुणे ५८ पुरा ठाकुर किटगंज इलाहाबाद
- १२) गुरतुर गा ले राग, प्रो.गुणवंत माधवलाल व्यास, वैभव प्रकाशन, नागपूर.
- १३) वसंत सुधा, डॉ.धनश्री पांडे, विद्या विकास प्रकाशन, नागपूर.
- १४) संगीत विशारद वंसत संगीत कार्यालय, हातरस.
- १५) स्वकिया पं.गुणवंत माधवलाल व्यास, व्यासमुनी संस्थान, रायपूर.
- १६) बंदीशीच्या बंदिशी पं.देवीदासपंत काळे गुरुजी प्रा.कमल भोंडे अमरावती.
- १७) नादकमल प्रा.कमल मु भोंडे मुरलीधर अ भोंडे, अमरावती.
- १८) संगीत समाधान डॉ.मधू शुक्ला, पाठक पब्लिकेशन इलाहाबाद.
- १९) भारतीय संगीत (गायन) शास्त्र (सैध्दांतिक) प्रा.डॉ.सौ.मानिक ना. मेहरे राघव डिस्ट्रीब्युटर नागपूर.
- २०) अनुपरागविलास भाग १ , २ कुमार गंधर्व मौज प्रकाशन, मुंबई.
- २१) कहत गुणिजन, डॉ.साधना शिलेदार, विजय प्रकाशन नागपूर.
- २२) पं.वि.ना.भातखंडे यांचे संगीतशास्त्र आणि बंदिशीची मिमांसा, डॉ.भोजराज बी. चौधरी, मेघ प्रकाशन, अमरावती.
- २३) संगीतार्जन, डॉ.अर्चना अंभोर अमेय पब्लिकेशन, अकोला.
- २४) ग्वाल्हेर घराण्याचे शिलेदार पं.राजभैर्या तथा पं.बाळासाहेब पुछवाले डॉ.राजेन्द्र देशमुख
- २५) संगीत चिंतन डॉ.भोजराज बी चौधरी नभ प्रकाशन, अमरावती .
- २६) संगीत सरिता,रमा सराफ विद्यानिधी प्रकाशन, दिल्ली.
- २७) भारतीय संगीत का इतिहास उमेश जोशी संगीत कार्यालय, हाथरस
- २८) भारतीय संगीत का इतिहास, ठाकुर जयदेव सिंह संगीत कार्यालय, हाथरस
- २९) भारतीय संगीत का इतिहास शरदचंद्र परांजपे, संगीत कार्यालय, हाथरस
- ३०) संगीत चिकित्सा डॉ.सतीश वर्मा, राधा प्रकाशन, नई दिल्ली.
- ३१) भारतीय संगीत शास्त्र और सौन्दर्यशास्त्र, अनुपम महाराज हिंदी ग्रंथ अकादमी पंचकुला, हरियाणा.
- ३२) भारतीय संगीत मे अनुसंधान प्रक्रिया मनोरमा शर्मा, हरियाणा हिंदी ग्रंथ अकादमी, पंचकुला हरियाणा.
- ३३) रविंद्र संगीत डॉ.अनिता सेन
- ३४) स्वरार्थरामणी, गानसरस्वती किशोरी आमोणकर, राजहंस प्रकाशन, पुणे.
- ३५) निबंध संगीत, लक्ष्मी नारायण गर्ग, संगीत कार्यालय, हाथरस
- ३६) भारतीय संगीतातील दोन रंग सदारंग अदारंग, डॉ.स्मिता पंतजंलि मादुस्कर, सुनिधी पब्लिशर्स, पुणे.
- ३७) सदारंगाच्या बंदिशी एक अध्ययन – प्रा.डॉ.सौ.वर्षा ध कुलकर्णी, प्रा.धनंजय कुलकर्णी, यवतमाळ.

## Criterion I : Curricular Aspects

### M.Sc. (Home Science) FSN (Dissertation)

M.Sc. (Home Science) Prospectus No. 2015199  
Semester-I & III - Winter-2014  
Semester-II & IV - Summer-2015

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**PROSPECTUS**

OF

M.Sc. (Home Science) (Food Science and Nutrition)  
EXAMINATIONS  
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## Criterion I : Curricular Aspects

### I N D E X

M.Sc. (Home Science) (Food Science and Nutrition)

(Semester-I to IV)

(Prospectus No.2015199)

Sr. No.	Subject	Page No.
1.	Special Note	1 - 2
2.	Direction No.46 of 2010	3 - 17
<b>Semester-I</b>		
3.	Food Science	18 - 19
4.	Human Physiology	20
5.	Food and Human Behaviour	21 - 22
6.	Nutrition Programme Design and Evaluation	22 - 23
7.	Computer Application in Food Statistics	24
<b>Semester-II</b>		
8.	Food Microbiology	24 - 26
9.	Nutritional Biochemistry	26 - 27
10.	Communication Approaches in Nutrition	28 - 29
11.	Entrepreneurship Development in Food	30 - 31
12.	Research Methods in Nutrition	31 - 33
<b>Semester-III</b>		
13.	Food Product Development	34
14.	Sensory Evaluation	35
15.	Therapeutic Nutrition	36 - 37
16.	Assessment of Nutritional Status	37 - 38
17.	Kitchen Planning, Equipments and Plants	38 - 39
18.	Biochemical Correlation with Nutritional Therapy	39 - 40
19.	Nutritional Epidemiology	40 - 41
20.	Food Safety and Quality Control	41 - 42
21.	Dietetic Techniques & Patient Counseling	43 - 44
22.	Community Nutrition	44 - 45
23.	Food Service Management	46
<b>Semester-IV</b>		
24.	Food Informatics	47
25.	Current Issues in Food & Nutrition	48 - 49
26.	Scientific Writing	49 - 51

## Criterion I : Curricular Aspects

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**Semester-IV**  
**Subject Code : 242SW62**  
**Scientific Writing**

**Objective** – After completion of course students will be able to understand national / international standards of scientific writing and develop skill of writing research reports.

### Course Contents :

#### Theory :

- Unit 1 :** Introduction to Scientific Writing
- 1.1 Meaning, definition
  - 1.2 Characteristics and Principles
  - 1.3 Types of report
  - 1.4 Format of report
  - 1.5 National and international standards

50

- 1.6 Lay out of thesis / dissertation :-  
Preliminaries, Text, End Matter

### Unit 2 : Writing preliminaries

- 2.1 Title page, Title of dissertation / thesis.
- 2.2 Certificates : Declaration by students certificate of guide
- 2.3 Acknowledgement
- 2.4 Table of content - list of Table, list of Figure
- 2.5 Glossary / Abbreviation / Acronym

### Unit 3 : Writing Text / Main Body

- 3.1 Writing introduction
- 3.2 Writing Review of Literature
- 3.3 Writing Methodology Material and Methods
- 3.4 Writing Results
- 3.5 Writing Discussion
- 3.6 Writing Summary, Conclusion and Implication

### Unit 4 : Writing End Matter

- 4.1 Writing References / Literature cited
  - Books
  - Journal / Periodical
  - Websites
  - Magazines, newspaper
- 4.2 Appendices

### Unit 5 : General Guidelines


- 5.1
  - Size of paper, margin, font type and size
  - Headings and Subheadings
  - Number of chapters and pagination
  - Punctuations.
- 5.2 Evaluating structure of dissertation / thesis

### Practicals :

1. Use of Library -  
Get acquainted with the-
  - Type of Library (Traditional, modern, digital, virtual)
  - Services provided by Libraries
  - Various sources (Printed and electronic)
  - Technical work (classification, cataloguing)
  - Information retrieval ( i.e. OPAC, WEBOPAC, SOUL, Library Portal, e-books etc.)
2. Practice of writing references on reference cards and notes on note cards from different sources.
3. Review, understand and critically evaluate.
  - Thesis
  - Dissertation
  - Abstract

## Criterion I : Curricular Aspects

### M.Sc. (Home Science) HD (Dissertation)

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## Criterion I : Curricular Aspects

### I N D E X

#### M.Sc. (Home Science) (Human Development)

#### (Semester-I to IV)

#### (Prospectus No.2016196)

Sr. No.	Subject	Page No.
1.	Special Note	1 - 2
2.	Direction No.46 of 2010	3 - 17
<b>Semester-I</b>		
3.	Theories of Human Development	18 - 19
4.	Problems of Human Nutrition	19 - 21
5.	Psychology of Human Behaviour	22 - 23
6.	Human Development Programme Design and Evaluation	24 - 25
7.	Computer Application in Human Statistics	25 - 26
<b>Semester-II</b>		
8.	Psychological Testing	26 - 28
9.	Communication Approaches in Human Development	28 - 30
10.	Entrepreneurship in Human Development	30 - 32
11.	Human Anatomy and Physiology	32 - 34
12.	Research Methods in Human Development	34 - 36
<b>Semester-III</b>		
13.	Working with Parents and Community	37 - 38
14.	Child and Human Rights	38 - 39
15.	Development of Self	39 - 41
16.	Advanced Child Development	41 - 43
17.	Family and Child Welfare	43 - 45
18.	Projective Techniques of Psychological Testing	46 - 48
19.	Behavioural Problems, Child Guidance and Counselling	48 - 50
20.	Family and Marriage Counseling	51 - 52
21.	Mental Health in Developmental Perspectives	52 - 54
22.	Child with Special Needs	54 - 56
23.	Family Dynamics	57 - 59
<b>Semester-IV</b>		
24.	Personal Empowerment	59 - 60
25.	Current Trends and Issues in Human Development	60 - 64
26.	Scientific Writing	64 - 65

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### Semester-IV

**Subject Code : 243SW62**

#### Scientific Writing

**Objective-** After completing course students will be able to understand national / international standards of scientific writing and develop skill of writing research reports.

#### Course Content

##### Theory :

**Unit 1** : Introduction to Scientific Writing

- 1.1 Meaning, definition
- 1.2 Characteristics and Principles
- 1.3 Types of report
- 1.4 Format of report
- 1.5 National and international standards
- 1.6 Lay out of thesis / dissertation :- Preliminaries, Text, End Matter

**Unit 2** : Writing preliminaries

- 2.1 Title page, Title of dissertation / thesis.
- 2.2 Certificates : Declaration by students certificate of guide
- 2.3 Acknowledgement
- 2.4 Table of content - list of Table, list of Figure
- 2.5 Glossary / Abbreviation / Acronym

**Unit 3** : Writing Text / Main Body

- 3.1 Writing introduction
- 3.2 Writing Review of Literature
- 3.3 Writing Methodology Material and Methods
- 3.4 Writing Results
- 3.5 Writing Discussion
- 3.6 Writing Summary, Conclusion and Implication

**Unit 4** : Writing End Matter

- 4.1 Writing References / Literature cited
  - Books



## Criterion I : Curricular Aspects

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- Journal / Periodical
- Websites
- Magazines, newspaper

### 4.2 Appendices

#### Unit 5 : General Guidelines

- 5.1
- Size of paper, margin, font type and size
  - Headings and Subheadings
  - Number of chapters and pagination
  - Punctuations.

### 5.2 Evaluating structure of dissertation / thesis

#### Practicals :

1. Use of Library -  
Get acquainted with the-
  - Type of Library (Traditional, modern, digital, virtual)
  - Services provided by Libraries
  - Various sources (Printed and electronic)
  - Technical work (classification, cataloguing)
  - Information retrieval ( i.e. OPAC, WEBOPAC, SOUL, Library Portal, e-books etc.)
2. Practice of writing references on reference cards and notes on note cards from different sources.
3. Review, understand and critically evaluate.
  - Thesis
  - Dissertation
  - Abstract

#### References :

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## Criterion I : Curricular Aspects

### B.A. (Sociology)

Syllabi of B.A. Part-I Semester-I Introduction of Sociology (Implemented from 2017-18)	
<b>Unit-I</b>	A) <b>Sociology</b> : Its meaning, Nature & Scope of Sociology B) Subject Matter of Sociology, Relationship of Sociology with other Social Science Anthropology History, Political Science & Economic
<b>Unit-II</b>	A) Sociological Perspective : 1) Structural Functional 2) Dialectic B) Sociology as a Applied Science : 1) Sociology & Social Problems 2) Sociology & Social Policy 3) Sociology & Development 4) Sociology & Professions.
<b>Unit-III</b>	<b>Basic Concept :</b> A) Society Meaning & Characteristics B) Community : Meaning & Characteristics C) Social Groups: Meaning of Types of Groups D) Social Structure : Meaning & Elements
<b>Unit-IV</b>	A) Status & Role B) Social Institution : Meaning & Characteristics C) Social Norms Meaning & Characteristics Importance of Norms D) Value : Meaning & Importance

## Criterion I : Curricular Aspects

SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE - 2017 - PART TWO -263

- Unit-V **Social Control :**  
A) Meaning of Social Control  
B) Type of Social Control
- Social Conformity & Deviation**  
A) Meaning & Causes of Conformity  
B) Meaning & Causes of Deviation

**Reference Books :**

- 1) Harlamos M. - Sociology : Themes & Perspective, New Delhi, Oxford University Press, 1998
- 2) Johnson Harry M. - 1995 Sociology : a Systematic Introduction, New Dehli Aailed Publisher.
- 3) Vidyabhushan & D.R. Sachdeo - Introduction to Sociology
- 4) Kingsley Davis : Human Society
- ५) समाजशास्त्र परिचय : रा.ज. लोटे, ए.डी. चौहान, विद्यापुणे वेब्ड पब्लिशर्स, नागपूर
- ६) समाजशास्त्राची मूलतत्त्वे : प्रा.बाऊ दाबदार, अंकुश प्रकाशन, नागपूर
- ७) समाजशास्त्र : डॉ.प्रदिप आगलणे, साईनाथ प्रकाशन, नागपूर
- ८) समाजशास्त्र परिचय : डॉ.डि.एस. मनवर, अरुण प्रकाशन, लातूर
- ९) भारतीय सामाजिक संस्था : डॉ.जितारुद्
- १०) समाजशास्त्र : विज्ञान संगी

\*\*\*\*\*

**Semester-II**  
**Introduction of Sociology**

- Unit-I **Individual & Society :**  
(A) Culture : Meaning and Characteristics, Elements of Culture, Ethnocentrism  
(B) Socialization: Meaning and Stages, Agencies of Socialization.
- Unit-II **Social Institutions:**  
A) Family : Meaning, Characteristics & Functions of Family  
B) Marriage : Meaning and Characteristics, Origin of Marriage, Changing Nature of Marriage.
- Unit-III A) Religion: Meaning & Functions of Religion, Origin of Religion  
B) Political System : Meaning of Political System, Concept of Domination and Type of Authority.
- Unit-IV **Social Movement :**  
(A) Meaning & Characteristics of Social Movement  
(B) Type of Social Movement.  
(C) Origin & Causes of Social Movement
- Unit-V **Social Stratification & Social Change :**  
(A) Meaning of Social Stratification, Function & Significance  
(B) Meaning of Social Change, Factors of Social Change  
(C) Type of Social Change.

**Reference Books :**

- 1) Harlamos M. : Sociology : Themes & Perspective, New Delhi, Oxford University Press, 1998
- 2) Johnson Harry M. : 1995 Sociology : a Systematic Introduction, New Dehli Aailed Publisher.
- 3) Vidyabhushan & D.R. Sachdeo : Introduction to Sociology
- 4) Kingsley Davis : Human Society
- ५) समाजशास्त्र परिचय : रा.ज. लोटे, ए.डी. चौहान, विद्यापुणे वेब्ड पब्लिशर्स, नागपूर
- ६) समाजशास्त्राची मूलतत्त्वे : प्रा.बाऊ दाबदार, अंकुश प्रकाशन, नागपूर
- ७) समाजशास्त्र : डॉ.प्रदिप आगलणे, साईनाथ प्रकाशन, नागपूर
- ८) समाजशास्त्र परिचय : डॉ.डि.एस. मनवर, अरुण प्रकाशन, लातूर
- ९) भारतीय सामाजिक संस्था : डॉ.जितारुद्
- १०) समाजशास्त्र : विज्ञान संगी

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## Criterion I : Curricular Aspects

Appendix – 'F'

**Syllabi of B.A. Part-II  
Semester-III  
Social Problems in India  
(Implemented from 2018-19)**

Theory : 80  
Int.Ass. : 20

- Unit-I** (A) Meaning of Social Problems, Nature of Social Problems,  
(A) Perspectives on Social Problems : (1) Disorganization(2)  
Anomie & Valuation Perspective.
- Unit-II** **Familiar Problems:**  
(A) Dowry : Meaning of Dowry, Causes of Dowry, Effect of Dowry  
(B) Domestic Violence against Women  
(C) Divorce : Causes of Divorce, Social Implications Related Legal Provision Effect  
of Divorce on Women

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- Unit-III** **Population Problems in India :**  
(A) Characteristics of Indian Population, Population Explosion in India,  
Characteristics of Population Explosion.  
(B) Causes of Population, Effect of Population Explosion  
(C) Population Policy in India
- Unit-IV** **Rural Contemporary in India :**  
(A) Migration : Its Causes & Consequences  
(B) Unemployment : Causes & Consequences  
(C) Farmers Suicide & its Impact on Family.
- Unit-V** **Problems of Alcoholism:**  
(A) Meaning of Alcoholism, Causes of Alcoholism, Effect of Alcoholism on Family  
(B) Drug Addiction : Nature & Impact of Drugs Abuse  
(C) Causes and Effects of Drug Addiction.

**Reference Books :**

- 1) Bose N.K. 1967 - Culture & Society in India, Bombay, Asia Publishing House.
  - 2) Doby S.D. 1990 - Society in India, New Delhi, National Book Trust.
  - 3) Lewis Osear 1986 - Culture of Poverty, Scientific American Vol. II & IV, Nov. 4PP 10.
  - 4) Shama Ursulla 1983- Women Work & Doherty in North - West India, London Tavistock
  - 5) Girish Dittmer - Social Problems Times of India Press.
  - 6) Madan G.R. - India Social Problems
  - 7) Memoria C.B. - Social Problems & Disorganization in India.
- ८) खडसे प्रा.मा.की. : भारतीय सामाजिक समस्या, संग्रह प्रकाशन,  
९) लोटे प्रा.रा.ज. बीहाण, ए.जी. : भारतीय सामाजिक संरचना आणि सामाजिक समस्या, पिंपळापुढे ऑग्ड कंपनी  
पब्लिशर्स, नागपूर  
१०) किवेकट्टी बी.एच. : भारत में सामाजिक समस्या, इशिका पब्लिशिंग हाऊस, जयपूर, गु. देहली  
११) आगलकट्टी प्रतिपि : भारतीय सामाजिक संरचना आणि समस्या, श्री सार्दनाम प्रकाशन, नागपूर  
१२) प्रा.शेख इब्जिर : पालकर, सामाजिक समस्या, संगम प्रकाशन, नागपूर,  
१३) डॉ. सुधाकाब्दाते : भारतीय सामाजिक समस्या,  
१४) अर्जुना राम : भारतीय सामाजिक समस्याएँ, राजत पब्लिकेशन, नई दिल्ली  
१५) खैरवास्ती. दिलीप : अमृतिक भारतीय सामाजिक समस्या, विन्मय प्रकाशन, औरंगाबाद

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**B.A.Part-II  
Semester-IV  
Social Problems in India**

Theory : 80  
Int.Ass. : 20

- Unit-I** **Current Social Problems in India :**  
(A) Meaning, Definition & Types of Corruption  
(B) Factors Inducing Corruption  
(C) Measures to Check Corruption
- Unit-II** **Problem of Terrorism & White Collar Crime :**  
(A) Meaning of Terrorism, Historical background of Terrorism, Characteristics of  
Terrorism.  
(B) Causes of Terrorism in India
- Unit-III** **Problems of Weaker Section in India :**  
(A) Problems of Scheduled Caste in India, Causes & Solution  
(B) Problems of Scheduled Tribe in India, Causes, Solution
- Unit-IV** **Problems Relating to Urbanization :**  
(A) Slum: Meaning, Causes of Slum, Remedy of Slum  
(B) Crime: Meaning, Causes measures for Reforming Criminals.  
(C) Juvenile Diligence : Meaning Causes, Reformation of Delinquents
- Unit-V** **Intolerance, Riot Crime :**  
(A) Caste, Religious & Cultural Intolerance  
(B) Communal Riots, Caste & Ethnic Conflict  
(C) Violence and Crime against Women & the Marginalized

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## Criterion I : Curricular Aspects

Syllabi of B.A. Part-I Semester-I Introduction of Sociology (Implemented from 2017-18)	
<b>Unit-I</b>	A) <b>Sociology</b> : Its meaning, Nature & Scope of Sociology B) Subject Matter of Sociology, Relationship of Sociology with other Social Science Anthropology History, Political Science & Economic
<b>Unit-II</b>	A) Sociological Perspective : 1) Structural Functional 2) Dialectic B) Sociology as a Applied Science : 1) Sociology & Social Problems 2) Sociology & Social Policy 3) Sociology & Development 4) Sociology & Professions.
<b>Unit-III</b>	<b>Basic Concept :</b> A) Society Meaning & Characteristics B) Community : Meaning & Characteristics C) Social Groups: Meaning of Types of Groups D) Social Structure : Meaning & Elements
<b>Unit-IV</b>	A) Status & Role B) Social Institution : Meaning & Characteristics C) Social Norms Meaning & Characteristics Importance of Norms D) Value : Meaning & Importance
<hr/> <b>SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE - 2017 - PART TWO -263</b> <hr/>	
<b>Unit-V</b>	<b>Social Control :</b> A) Meaning of Social Control B) Type of Social Control  <b>Social Conformity &amp; Deviation</b> A) Meaning & Causes of Conformity B) Meaning & Causes of Deviation
<b>Reference Books :</b>	
1) Harlampos M. - Sociology : Themes & Perspective, New Delhi, Oxford University Press. 1998	
2) Johnson Harry M. - 1995 Sociology : a Systematic Introduction, New Dehli Aailed Publisher.	
3) Vidyabhushan & D.R. Sachadeo - Introduction to Sociology	
4) Kingsley Davis : Human Society	
५) समाजशास्त्र परिचय : स.ज. लोटे, ए.डी. चौहाण, पिंपळपुरे अॅण्ड पब्लिशर्स, नागपूर	
६) समाजशास्त्राची मुलतत्त्वे : प्रा.भाऊ दायदार, अंशुल प्रकाशन, नागपूर	
७) समाजशास्त्र : डॉ.प्रदिप आगलावे, साईनाथ प्रकाशन, नागपूर	
८) समाजशास्त्र परिचय : डॉ.डि.एस. मनवर, अरुणा प्रकाशन, लातूर	
९) भारतीय सामाजिक संस्था : डॉ.जितानंद	
१०) समाजशास्त्र : विलास संगवे	
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Semester-II Introduction of Sociology	
<b>Unit-I</b>	<b>Individual &amp; Society :</b> (A) Culture : Meaning and Characteristics, Elements of Culture, Ethnocentrism (B) Socialization: Meaning and Stages, Agencies of Socialization.
<b>Unit-II</b>	<b>Social Institutions:</b> A) Family : Meaning, Characteristics & Functions of Family B) Marriage : Meaning and Characteristics, Origin of Marriage, Changing Nature of Marriage.
<b>Unit-III</b>	A) Religion: Meaning & Functions of Religion, Origin of Religion B) Political System : Meaning of Political System, Concept of Domination and Type of Authority.
<b>Unit-IV</b>	<b>Social Movement :</b> (A) Meaning & Characteristics of Social Movement (B) Type of Social Movement. (C) Origin & Causes of Social Movement
<b>Unit-V</b>	<b>Social Stratification &amp; Social Change :</b> (A) Meaning of Social Stratification, Function & Significance (B) Meaning of Social Change, Factors of Social Change (C) Type of Social Change.

## Criterion I : Curricular Aspects

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### Semester-IV Core Elective Paper

#### Paper-III (A) - Indian Sociological Tradition

Time : 3 Hrs.)

(Marks :Theory : 80  
Int.Ass. : 20

#### Unit-I Theoretical Roots of Caste in India :

- Dr. B.R. Ambedkar : Origin of Caste and its Criticism
- G.S. Ghurye : Characteristics of Caste and Emergence of Sub Caste

#### Unit-II : Social Change from Indian Perspective :

- M.N. Shrinivas : Dominant Caste : Meaning and implication Sanskritization, as a Factor  
Change, Mobility and Development
- D.P. Mukherjee : Historical Dialecticism, Indian Tradition and Social Change.

#### Unit-III Indian Society and Contemporary Change :

- R.K. Mukherjee : Values, Symbols, Personality and Change
- S.C. Dubey : Values in Modernity, Modernity, Indian Society and Social Change.

#### Unit-IV Gender and Society in India :

- Tarabai Shinde ; Women and Patriarchy in Indian Society
- J.G. Phule and Savitribai Phule : Women Education and Women Rights

Unit-V a) A.R. Desai : Study of Village Structure in India, Study of Indian Nationalism Analysis of Indian Society through Marxian Perspective.

- Iravati Karve : concept of Kinship relation, Hindu culture : An Interpretation.

#### Essential Readings :

- Ambedkar B.R. Annihilation of Caste.
- Desouza, P.R. ed. 2000 Contemporary India-Transitions (New Delhi: Sage)
- Dhanagare D.N. 1993: Themes and Perspectives in Indian Sociology (Jaipur, Rawat)
- Dube S.C. 1967 The Indian Village (London: Routledge, 1955)
- Dube, S.C. 1973 Social Sciences in Changing Society. (Lucknow University Press)
- Dumont, Louis 1970: Homo Hierarchicus: The Caste System and its Implications. (New Delhi: Vikas)
- Karve, Iravati 1961: Hindu Society: An Interpretation (Poona: Deccan College)
- Momin, A.R. 1996. The Legacy of G.S. Ghurye: A Centennial Fest Schirift. Popular Prakashan,

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- Mukharjee D.P. 1958. Diversities, People's Publishing House Delhi.
- Oommen, T.K. and P.N. Mukharjee, eds 1986: Indian Sociology Reflections and Introspections, Popular Prakashan, Bombay.
- Shrinivas M.N. 1960: India's Villages, Asia Publishing House : Bombay.
- Singh K.S. 1992: The People of India An Introduction, Seagull Books, Calcutta.
- Singh Y. 1973 Modernisation of Indian Tradition, Delhi Thomos Press.
- Singh Y. 1986 Indian Sociology : Social Conditioning and Emerging Concerns, Delhi: Vistaar
- Taylor, Stephen: Indian - an Anthropological Perspective.

#### General References:

- Hardiman, David 1987: The coming of the Devi-Adivasi Assertion in Western India, Oxford University Press.
- Hardiman, David, 1996, Feeding the Bania: Peasants and Usurers in Western India Oxford University Press.
- Lanny, Richard 1971. The Speaking Tree. A Study of Indian Culture and Society London, Oxford Univ. Press.
- Marriott, McKim 1990: India Through Hindu categories, Sage, Delhi.
- Mohan, R.P. and A.S. Wilke, eds. 1994 International Handbook of Contemporary Development in Sociology, London, Mansell.
- Singer and Milton 1972: When A Great Tradition Modernizes, Delhi, Vikas.
- Singer, Milton and Bernard Cohn (eds.) 1968. Structure and Change in Indian Society, Chicago: Aldine Publishing Company.
- आगलावे, प्रदिप : मुलभूत समाजशास्त्रीय विचार, श्री साईनाथ प्रकाशन, नागपूर
- आगलावे, सरोज, : ज्योतीराव फुले यांचे सामाजिक विचार, सुगावा प्रकाशन, पुणे



## Criterion I : Curricular Aspects

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**Semester-III**  
**Core Elective Paper**  
**Paper-IV (A) Crime and Society in India**

Time : 3 Hrs.)

(Marks :Theory – 80  
Int.Ass. - 20

**Unit-I : Concept of Crime :**

- Crime : Nature & Definition
- Characteristics of Crime in Modern Society
- Causes of Crime (Social, Economic, Political, Cultural)

**Unit-II : Approaches to Crime :**

- A functionalist Perspective, Emile Durkheim, Crime as Inevitable R. Merton (Social Structure and Anomie)
- An interactionist Perspectives. Howard Becker (Labeling Theory)
- Marxist Perspective : William Chambliss (Capitalism and Crime)  
LaurenSinder (Corporate Crime)

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**Unit-III : Major forms of Crime in India :**

- Crime Against SCs, STs, & DNTs, Meaning & forms
- Crime against women : meaning, forms & causes  
(Sex selective abortions, domestic violence, dowry deaths, sexual abuse, Sexual Harassment atwork place rape)
- Juvenile Delinquency & Crime Against Children
- White collar Crime

**Unit-IV : Changing Profile of Crime :**

- Organized Crime : Meaning & Features
- Terrorism Concept Features & Causes.
- Custodial Crime : Meaning & Features

**Unit-V :** Issues Affecting the Quality of life of Women Health, Education & Rights, Major Social Issues of Development, EcologyCommunalism & Violence.

**Essential Readings:**

- Gill, S.S. 1998 The Pathology of CorruptionNewDelhi : Harper Collins Publishers (India)
- Lilly, J Robert, Francis T. Wallen and Richard JBall A 1995 Criminological Theory. Context and Consequences New Delhi: Sage Publications.
- Makkar, S.P.Singh and Paul C. Friday-1993 Global Perspectives in Criminology. Jalandhar, ABC Publications.
- Reid, Suetitus, 1976 Crime and Criminology, Illinayse:Deydan Press.
- Shankardas, Rani Dhavan 2000 Punishment and the Prison:India and International Prospective, New Delhi: Sage Publications.
- Sutherland, EdwinH and Donald R.Cressey, 1988 Principles of Criminology. Bombay: The Times of India Press.
- Drapkin, Ismail and Viano, Emillio, 1975 Vicumology: ANew Focus A London, Lesington Press.
- InctartiJamesAandPotttiegerAneeE. 1978 ViolentCrime: Historical and Contemporary Issues. London; Sage Publications.
- Revid, Jorathan, 1995 Economic Crime London, Kejan Paul
- Weisburd, Dand and Kip Schlegal 1990. White Collar Crime Reconsidered Boston: Northeastern University Press.
- कळदाते सुधा व गोटे - गव्हाणे शुभांगी : गुन्हेगारीचे समाजशास्त्र, श्री विद्या प्रकाशन, पुणे-३०
- Encyclopedia of Social Sciences.



## Criterion I : Curricular Aspects

### Semester-IV Core Paper Paper-III

#### Paper-I Theoretical Perspectives in Sociology

Time : 3 Hrs.)

Marks :Theory : 80  
Int.Ass. : 20

**Unit-I : Critical Theory :**

- a) Georg Lukacs, Antonio Gramsci, Louis Althusser
- b) Max Horkheimer, Theodor Adorno, Herbert Marcuse

**Unit-II : Post Structuralism and Post Modernism :**

- a) Jacques Derrida
- b) Michel Foucault
- c) Levi - Strauss

**Unit-III : Recent Trends in Sociological Theorizing :**

- a) Structuration : Anthony Giddens
- b) Culture and Agency : Margaret Archer

**Unit-IV : Recent Trends in Sociological Theorizing :**

- a) Habits and Field : Pierre Bourdieu
- b) Colonization on the Life World : Jurgen Habermas
- c) Post Modernism : Jean Francois Lyotard

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**Unit-V : Structural Functional Approach :**

- a) Radcliffe Brown
- b) Talcott Parsons
- c) R.K. Merton
- d) B. Malinowski

**Books Recommended :**

1. Alexander, Jeffrey C, 1987, Twenty Lectures: Sociological Theory since World War II, New York, Columbia University Press.
2. Craib, Ian, 1992, Modern Social Theory: From Parsons to Habermas (2<sup>nd</sup> edition), London, Harvester Press.
3. Collins Randall, 1997 (Indian edition), Sociological Theory, Jaipur and New Delhi, Rawat Publications.
4. Giddens Anthony, 1983, Central Problems in Social Theory: Action, Structure and Contradiction in Social Analysis, London, Macmillan.
5. Kuper Adam, 1975, Anthropologists and Anthropology: The British School, 1922-72, Hannonsworth, Middlesex, Penguin Books.
6. Kuper Adam and Jessica Kuper (ed.), The Social Science Encyclopedia, London and New York, Routledge.
7. Ritzer George, 1992, Sociological Theory, New York, McGraw-Hill.
8. Sturrock John, (ed.), 1979, Structuralism. From Levi-Strauss to Derrida, Oxford, OUP.
9. John Rex, Key Problems of Sociological Theory, Routledge, London.
10. Turner, Jonathan H., 1995, The Structure of Sociological Theory, Jaipur and New Delhi, Rawat Publications.
11. Zeitlin, Irving M., 1998, Rethinking Sociology: A Critique of Contemporary Theory, Jaipur and New Delhi, Rawat Publications.
12. Francis Abraham, Modern Sociological Theory, Delhi, OUP.
13. Skidmore William, Theoretical Thinking in Sociology, Cambridge University Press.
14. Wallace Walter, 1969, Sociological Theory: An Introduction, Chicago Aldine.
15. Narendra Kumar Sindhi, 1998, Samajshashtriyasidhanta: Vivechanabambakhya, Rawat Publications (in Hindi).
16. S.L. Doshi, and M.S. Trivedi, 1996, UttarSamajshashtriyasidhanta, Rawat Publications.
17. Pradeep Aglwe, SamajshakhatilSaidhantikDrustikon, SainathPrakashan, Nagpur.
18. Anthony Elliott. Contemporary Social Theory, London: Routledge and Kegan Paul, 2009, Indian Reprint, 2010.
19. James Williams. Understanding Poststructuralism, Rawat Publications, Jaipur, 2005.
20. Michael Grenfell. (ed.), Pierre Bourdieu: Key Concepts, Rawat Publications, Jaipur, 2008.

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## Criterion I : Curricular Aspects

SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE - 2018 - PART TWO - 469

### Semester-III

#### Core Paper-II

#### Paper-II Sociology of Change and Development

Time : 3 Hrs.)

(Marks :Theory : 80

Int.Ass. : 20

#### Unit-I : Understanding Social Change :

- a) Related Concepts of Social Change : Evaluation, Progress, Development and Transformation
- b) Theories of social Change :Evolutionary, Socio – Psychological and Conflict Theories
- c) Factors of Social Change : Demographic, Economic, Religious, Bio tech, Info – tech and Media.

#### Unit-II : Process of Social Change in Contemporary India. :

- a) Sanskritization and Westernization
- b) Modernization and Secularization
- c) Industrialization, Migration and Urbanization

#### Unit-III : Approaches to the Study of Development :

- a) Modernization Approach, Marxist and Ecological
- b) Economic Growth Approach.
- c) Neo-Liberal approach (MNCs, TNCs, WTO)

#### Unit-IV : Social Structure and Development :

- a) Structure as Facilitator / Inhibitor of Development
- b) Culture as an Aid or Impediment to Development
- c) Development and displacement, Sustainable Development

#### Unit-V : Agencies of development and Modernization :

- a) Education, Polity (Government & Bureaucracy) NGO
- b) Elite, Leadership
- c) Structural Barriers to Development of Modernization.

#### Essential Readings :

- 1) W. Moore : Sociology of change E.E.E. Series.
- 2) Abraham, M.F. : 1990 Modern Sociological Theory : An Introduction, New Delhi, OUP
- 3) Agarwal, B., 1994 A Field of One's Own: Gender and Land Rights in South Asia Cambridge, Cambridge University Press.
- 4) Appadurai, Arjun, 1997 Modernity At Large: Cultural Dimensions of Globalization, New Delhi: OUP
- 5) Dore, Jean and Amartya Sen, 1996 India: Economic Development and Social Opportunity New Delhi : OUP
- 6) Desai A.R. 1985 India's Path of Development : A Marxist Approach, Bombay. Popular Prakashan( Chapter 2)
- 7) Giddens Anthony, 1996 "Global Problems and Ecological Crisis in Introduction to Sociology"(11th Edition ) New York W.W.Norton&Co.
- 8) Harrison D. 1989 The Sociology of Modernization and Development, New Delhi Sage.
- 9) Haq, MahbubUL. 1991 Reflections on Human Development, New Delhi OUP.
- 10) Moore, Wilbert and Robert Cook. 1967 Social Change, New Delhi Prentice-Hall (India)
- 11) Sharma S.L. 1980 "Criteria of Social Development " Journal of Social Action Jan. Mar.
- 12) Sharma S.L. 1986 Development Socio-Cultural Dimensions, Jaipur: Rawat( Chapter I)
- 13) Sharma S.L. 1994. Saliency of Ethnicity in modernization : Evidence from India. Sociological Bulletin .Vol 39 Nos. 1 & 2 PP 33-51 ,
- 14) Srinivas M.N. 1966 Social Change in Modern India. Berkeley: University of Berkeley symposium on Implications of Globalization, 1995 Sociological Bulletin Vol.44(Articles by Mathew, Panini & Pathy)
- 15) UNDP. Sustainable Development, New York : OUP
- 16) World Bank 1995 World Development Report, New York
- 17) Amin Samir, 1979 Unequal Development New Delhi: OUP
- 18) Kiely, Ray and Phil Marfleet(eds) 1998. Globalization and the Third World London Routledge.
- 19) Sharma S.L. 1992 "Social Action Groups as Harbingers of Silent Revolution" Economic and Political Weekly Vol 27. No.47.
- 20) Sharma S.L. 1994 "Perspectives on Sustainable Development in South Asia: The Case of India " In Samad (Ed.) Perspectives on Sustainable Development In Asia, Kuala Lumpur: ADIPA.
- 21) Sharma S.L. 2000 "Empowerment Without Antagonism: A Case for Reformulation of women's Empowerment Approach" Sociological Bulletin Vol. 49 No. 1.

## Criterion I : Curricular Aspects

**Semester-IV  
Core Paper  
Paper-II Sociology of Economic Development**

Time : 3 Hrs.)

(Marks :Theory - 80  
Int.Ass. - 20

**Unit-I** : The Relation between Economic and Non-economic Aspect of Economic Development.

**Unit-II** : Economy & Other sub system  
a) Economy & Family  
b) Economy & Religion  
c) Economy & Social stratification  
d) Economy & Cultural System  
e) Sociological Implications of Economy Process

**Unit-III** : Sociology of Economy development .  
a) Earlier Theories & Interrelations 19<sup>th</sup> & 20<sup>th</sup> Century  
b) Modern Trends : The Purely Economic Interpretations and their Shortcomings  
c) The Need for Basic Sociological Perspective – Sociological Determinates of Economic Development  
i) Values & Norms  
ii) Groups & Subgroups  
iii) Institutions and Role Patterns

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**Unit-IV** : a) Problems of Non – Economic Growth  
b) Problems of Economic Development  
c) Problems of Poverty & Culture of Poverty

**Unit-V** : Strategies of Economic Development : Various Approaches to Development  
a) Economic Growth Approach  
b) The Diffusionist Approach  
c) Marxist Approach  
d) Socio - Psychological Approach  
e) Gandhian Approach.

**Essential Readings:**

1. Smelser Neils, J. : The Sociology of Economic Life, 1960.
2. Hoselitz Mert, F.-Sociological Aspects of Economic Growth, 1960.
3. Myrdal Gunnar: The Challenge of World Poverty, 1970.
4. Parsons, T. : Economy and Society, 1957.
5. Higgins, B. : Economy Development, 1966.
6. Apter, E.B. : Politics of Modernization, 1965.
7. BreseGerlad :urbanizatio in Newly Devveloping Societies. Prentics Hall of India, 1969.
8. Aron Raymond : The Industrial Society, 1967.
9. Burnner, S. - Theories of Economics Development and Growth, 1966.
१०. विद्याधर पुंडलीक : आर्थिकविकासाच्या सामाजिक बाजू, म.वि.ग्र.नि.म., नागपूर

**General References :**

1. Moore Willbert, E. : Impact of Industry, 1969.
2. Smelser Neils, J. : Readings on Economic Sociology, 1965.
3. Myrdal, Gunner : The Asian Drama, 1963.
4. Feinsteiv, C.H. (Ed.) - Socialism, Capitalism and Economic. Groth Cambridge University Press, 1967.
5. Berger Brigitte : Societies in Change, Basis Book, 1976.
6. Simon Kuznets, W.E., Moore and J.J. Spengler (Eds.) : Economic Growth, Brazil, India, Japan, 1965.

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## Criterion I : Curricular Aspects

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**Semester-III**  
**Core Elective Paper**  
**Paper-III (A) Industry and Society in India**

Time : 3 Hrs.)

(Marks :Theory : 80

Int.Ass. : 20

**Unit-I : Understanding of Industrial Society :**

- a) Meaning of Industrial Sociology
- b) Nature of Industrial Sociology
- c) Characteristics of Industrial Sociology
- d) Importance of Industrial Sociology

**Unit-II : The Concept of Industry as an Organization :**

- a) Formal & Informal organization of Industry
- b) Structure & functions of Formal & Informal organization.
- c) Industry & Society

**Unit-III : Industry as a Social System**

- a) Industrial Relation
- b) Industrial Conflict
- c) Resolution of Conflict : Conciliation, Arbitration, adjudication and collective bargaining

**Unit-IV : Work in Industry :**

- a) Work and Technology : Impact of Automation on Labour
- b) Work Culture and Work Ethics
- c) Human Relation at Work

**Unit-V : Industry and Society :**

- a) Impact of Industry on Family, Religion and Caste
- b) Impact of Industry on occupational Structure of Society
- c) Industrialization, Migration, Urbanization

**Essential Readings :**

- 1) ZetlinIrwing, 1969 Ideology and the development of Sociological theory VOL-I and VOL-II. Basic Books, New York.
- 2) Watson. K. Tony, 1995 : Sociology, Work and Industry, Roueledge Kegan, Paul.
- 3) Ramaswamy E.A. 1988: Industry and Labour OUP
- 4) Ramaswamy E.A. 1978 : Industry relations in India, New Delhi.
- 5) Karnik V.B. 1 970: India Trade union, a Survey. Popular Prakashan, Mumbai.
- 6) Mamoria C.B. and Mamoria 1 992: Dynamics of Industrial Relation in India. Himalay Publishing House, Mumbai.
- 7) RamaswamyE.A. 1977:Theworkerandhisunio.i,Allied,New Delhi.
- 8) Ramaswamy E.A. 1977 : The Worker and Trade Union Allied, New Delhi.
- 9) Agarwal R.D. 1972 : Dynamics of Labour Relations in India. A Book readings, Tata Mc.Graw Hill.
- 10) Laxmanna, Cet all 1990: Workers Participation and industrial democracy Global Perspective Ajantha Publications.
- 11) Philip Hancock, Melissa Taylor 2001 : Work Post Modernism and Organisation Sage India.
- 12) Aziz Abdul 1984: Labour problems or developing Economy Ashish publishing IMMHC.
- 13) Miller and Form 1964 : Industrial Sociology, Harper and Row,New York.
- 14) Parker S.R. Brown KChild, Laud Smith, M.A.1964: The Sociology of Industry, George Alien and UrwinLtd. London.
- 15) Gibert P.S. 1985 : Fundamentals of Industrial Sociology. Tata Me. Graw Hill Publishing Co.Ltd. New Delhi.
- 16) Swain B.K. "Changing occupational structure in Vidarbha (India)' Himalaya, Publishing Hourse, Bombay.
- 17) Swain B.K. " Childlabour in India" Dattson, Nagpur.
- १८) गुरुनाथनाडगोंडे : औद्योगिक समाजशास्त्र, म.वि.ग्र.नि.मं., नागपूर
- 19) Encyclopedia of Social Sciences.

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## Criterion I : Curricular Aspects

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**Semester-IV**  
**Core Elective Paper**  
**Paper-IV (A) Crime and Society in India**

Time : 3 Hrs.)

(Marks :Theory : 80  
Int.Ass. : 20

**Unit-I : New Forms of Crime :**

- Corporate Crime
- Human Rights Violation
- Cyber Crime

**Unit-II : Recent Trends in Crime (Meaning & Features):**

- Criminalization of Politics
- Environmental Crimes

**Unit-III : Theory of Punishment :**

- Deterrent Theory
- Preventive Theory
- Reformative Theory

**Unit-IV : Prevention of Crime : Measure & Changing Perspectives :**

- Punishment, Prison, & Alternative Imprisonment (Open Probation Parole)
- Rehabilitation of Prisoners
- Human right Perspective
- Crime & the Role of Media

**Unit-V** Problems of Correctional Administration : Antiquated Jail manual & Prison Act, overcrowding, Custodial Mindset, Lack of Interagency Co-ordination among Police .

**Essential Readings :**

- Gill, S.S. 1998 The Pathology of Corruption New Delhi : Harper Collins Publishers (India)
- Lilly, J Robert, Francis T. Wallen and Richard JBall A 1995 Criminological Theory. Context and Consequences New Delhi: Sage Publications.
- Makkar, S.P.Singh and Paul C. Friday-1993 Global Perspectives in Criminology. Jalandhar, ABC Publications.
- Reid, Suetitus, 1976 Crime and Criminology, Illinayse:Deydan Press.
- Shankardas, Rani Dhavan 2000 Punishment and the Prison:India and International Prospective, New Delhi: Sage Publications.
- Sutherland, EdwinH and Donald R.Cressey, 1968 Principles of Criminology. Bombay: The Times of India Press.
- Drapkin, Ismail and Viano, Emilio, 1975 Vicumology: ANew Focus A London, Lesington Press.
- InctartJamesAandPottiegerAneeE. 1978 ViolentCrime: Historical and Contemporary Issues. London; Sage Publications.
- Revid, Jorathan, 1995 Economic Crime London, Kejan Paul
- Weisburd, Dand and Kip Schlegal 1990. White Collar Crime Reconsidered Boston: Northeastern University Press.
- काळदाते सुधा व गोटे - शुभांगी : गुन्हेगारीचे समाजशास्त्र, श्री विद्या प्रकाशन, पुणे-३०
- Encyclopedia of Social Sciences.

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## Criterion I : Curricular Aspects

Appendix-J

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Syllabi of M.A. Part-II  
Semester-III  
Core Paper  
Paper-I Theoretical Perspectives in Sociology  
(Implemented from 2018-2019 Session)

Time : 3 Hrs.)

(Marks :Theory : 80  
Int.Ass. :20

**Unit-I** Introduction of Sociological Theory, Key Problems of Sociological Theory and verification on Sociological Theory.

**Unit-II Talcott Parsons :**

- a) Theory of Social Action
- b) Pattern Variables
- c) Theory of Problems of Social Changes

**Unit-III Robert Merton :**

- a) Critique of Functionalism
- b) Theory of Atomic, Functional and Dysfunctional
- c) Aspects of reference group behaviour
- d) Middle Range Theory

**Unit-IV Theory of Conflict :**

- a) Dahrendorf : Class and Class Conflict
- b) C.W. Mills : Social Conflict
- c) Coser : Conflict Theory

**Unit-V Symbolic Interactionism :**

- a) G.H. Mead : Symbolic Interactionist Approach
- b) E. Goffman: Symbolic Interactionist Approach
- c) C.H. Cooley :Blumer.

**Essential Readings :**

- 1) Alexander Jeffrey C. 1987 . Twenty lectures: Sociological Theory since world War II. New York: Columbia University Press.
- 2) Bottomore Tom 1984. The Frankfurt school, Chester, Sussex Ellis Horwood and London: Tavistock Publications.
- 3) Craib, I.M., 1992 Modern Social Theory: From Parsons to Habermas (2nd edition) London: Harvester Press.
- 4) Collins, Randall, 1997 (Indian edition) Sociological Theory, Jaipur and New Delhi. Rawat
- 5) Giddens, Anthony, 1983 Central problems in social theory: Action structure and contradiction in social analysis London: Macmillan.
- 6) Kuper, Adam 1975 Anthropologists and anthropology: The British school, 1922-72 Harmondsworth, Middlesex: Penguin Books.
- 7) Kuper Adam and Jessica Kuper(eds) 1996 (2nd edition) The Social science encyclopaedia. London and New York: Routledge.
- 8) Ritzer George, 1992 (3rd edition) Sociological theory. New York: McGraw – Hill.
- 9) Sturrock. John (ed.) 1979 Structuralism: From Levi Strauss to Derrida. Oxford: Oxford University Press.
- 10) Turner Jonathan H 1995 (4th edition) The Structure of Sociological Theory. Jaipur and New Delhi, Rawat Publ.
- 11) Zeitlin, Irving M. 1998 (Indian edition) Rethinking sociology: A critique of contemporary theory, Jaipur and New Delhi, Rawat.
- 12) Encyclopedia of Social Sciences.
- 13) Abraham John. 1999 – Modern Sociological Theory, Oxford University Press, Oxford.

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## Criterion I : Curricular Aspects

### B.A. (Home Economics)

SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE - 2017 - PART TWO -257

#### B.A. Part-I (Home Economics) Semester -I

##### Paper- Family Resource Management and Interior Decoration

Time- 3 Hours for Theory  
3 Hours for Practical  
Periods Per Week- Theory - 5  
Practical - 2 (per practical)

Total : 100 Marks  
Theory : 50 Marks  
Internal assessment : 20 Marks  
Practical : 30 Marks

#### Objectives:

- 1) To introduce the student to the field of Home Economics.
- 2) To create an awareness among the students about resources and their management in the family.
- 3) To make aware about decision making and to enhance the decision making capability of the women .
- 4) To provide knowledge and develop skills regarding principles and methods of interior decoration.
- 5) To develop skill regarding preparing the Bouquets and Flower Arrangements for decoration and enhance the chances of employment.

#### Unit I : Introduction to Home Economics.

- 1.1 Introduction to Home Economics
- 1.2 Meaning, Definition, Need and Importance of Home Economics.
- 1.3 Branches of Home Economics and their utility in the daily life.
  - i) Food and Nutrition.
  - ii) Textile and Clothing
  - iii) Human Development
  - iv) Family Resources Management
  - v) Extension Education and Communication
  - vi) Consumer Economics
  - vii) Human Relationship
- 1.4 Home Economics as Education for Life
- 1.5 Contribution of Home Economics Education in National Development

#### Unit II : Home Management and Family Resources

- 2.1 Meaning, Definition and Importance of Home Management
- 2.2 Process of Home Management
  - i) Planning
  - ii) Controlling
  - iii) Evaluation
- 2.3 Definition, Types and Classification of Family Resources
- 2.4 Characteristics of Family Resources
- 2.5 Factors affecting resource management

#### Unit III : Decision Making

- 3.1 Meaning and Definition of Decision Making
- 3.2 Process of Decision Making
- 3.3 Types of Decision Making
- 3.4 Role of Decision Making in Home Management.
- 3.5 Decision Tree and Factors affecting Decision Making Process

## Criterion I : Curricular Aspects

### Unit IV : Elements and Principles of Art. Colour Scheme

- 4.1 Definition and Introduction of following Elements of Art  
i) Line                      iii) Texture              v) Light              vii) Pattern  
ii) Form                      iv) Colour              vi) Space              viii) Idea
- 4.2 Definition and Importance and Application in Interior Decoration of following Principles of Art  
i) Harmony                      iii) Balance              v) Emphasis  
ii) Scale and Proportion              iv) Rhythm
- 4.3 Source of Colour, Classification of Colours  
i) Primary Colours  
ii) Secondary Colours  
iii) Intermediate Colours  
iv) Tertiary Colours  
v) Quarternery Colours and Colour Wheel
- 4.4 Effect of Colours and Colour Scheme  
i) Relative Colour Scheme  
ii) Contrasting Colour Scheme
- 4.5 Factors affecting the choice of Colours. Colour Scheme for Different Rooms.

### Unit V : Flower Arrangement

- 5.1 History, Objectives and Definition of Flower Arrangement.  
5.2 Importance of Flowers, Flower Arrangement and Bouquets in Human Life.  
5.3 Material Required for Flower Arrangement.  
5.4 Factors to be considered while arranging flowers.  
5.5 Types of Flower Arrangements.  
i) Traditional  
ii) Japanese  
iii) Modern  
iv) Miniature  
v) Dry Arrangement  
vi) Line Arrangement  
vii) Mass Arrangement

**Internal Assessment : (20 Marks)**

#### Distribution of Marks

1. Organizing Demonstration or Guest Lecture on Flower Arrangement and Bouquet  
**OR** Colour Scheme through Greeting Cards / Rangoli Report Writing and Submission  
on Guest Lecture or Demonstration                      **10 Marks**
2. Attending, Submission and Presentation of seminar based on syllabus

**10 Marks**  
**Total      20 Marks**

## Criterion I : Curricular Aspects

### Unit IV : Elements and Principles of Art. Colour Scheme

- 4.1 Definition and Introduction of following Elements of Art
- |          |              |           |              |
|----------|--------------|-----------|--------------|
| i) Line  | iii) Texture | v) Light  | vii) Pattern |
| ii) Form | iv) Colour   | vi) Space | viii) Idea   |
- 4.2 Definition and Importance and Application in Interior Decoration of following Principles of Art
- |                          |              |             |
|--------------------------|--------------|-------------|
| i) Harmony               | iii) Balance | v) Emphasis |
| ii) Scale and Proportion | iv) Rhythm   |             |
- 4.3 Source of Colour, Classification of Colours
- |   |
|---|
| i) Primary Colours                      |
| ii) Secondary Colours                   |
| iii) Intermediate Colours               |
| iv) Tertiary Colours                    |
| v) Quarternary Colours and Colour Wheel |
- 4.4 Effect of Colours and Colour Scheme
- |                               |
|-------------------------------|
| i) Relative Colour Scheme     |
| ii) Contrasting Colour Scheme |
- 4.5 Factors affecting the choice of Colours. Colour Scheme for Different Rooms.

### Unit V : Flower Arrangement

- 5.1 History, Objectives and Definition of Flower Arrangement.
- 5.2 Importance of Flowers, Flower Arrangement and Bouquets in Human Life.
- 5.3 Material Required for Flower Arrangement.
- 5.4 Factors to be considered while arranging flowers.
- 5.5 Types of Flower Arrangements.
- |                       |
|-----------------------|
| i) Traditional        |
| ii) Japanese          |
| iii) Modern           |
| iv) Miniature         |
| v) Dry Arrangement    |
| vi) Line Arrangement  |
| vii) Mass Arrangement |

**Internal Assessment : (20 Marks)**

#### Distribution of Marks

- Organizing Demonstration or Guest Lecture on Flower Arrangement and Bouquet  
**OR** Colour Scheme through Greeting Cards / Rangoli Report Writing and Submission  
on Guest Lecture or Demonstration **10 Marks**
- Attending, Submission and Presentation of seminar based on syllabus

**Total** 10 Marks  
**20 Marks**



## Criterion I : Curricular Aspects

SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE - 2017 - PART TWO -259

### Practical :

1. **Class work** (Time 3 Hours)
- a) Practical record book. -
- i) Selection of Design Pattern, Thread, Needle and Colour Scheme for Embroidery
- ii) Methods of Embroidering following Stitches
- |                |                   |                 |
|----------------|-------------------|-----------------|
| 1- Stem Stitch | 2- Chain Stitch   | 3- Lazy Dazy    |
| 4- Button Hole | 5- Feather Stitch | 6- Satin Stitch |
- b) Embroidering all above stitches on a single scarf or separate handkerchiefs and submission thereof.
- c) Different Classes of Colour and Colour Scheme in designs through preparation of Greeting Cards and Envelopes.

### Practical Examination : (30 Marks)

Time: 3 Hours.

#### Distribution of Marks

- |                       |  |               |
|-----------------------|--|---------------|
| 1                     | Class work   |               |
|                       | a) Practical Record Book                           | ----- 5 Marks |
|                       | b) Embroidering Stitches on scarf or handkerchiefs | ----- 5 Marks |
|                       | c) Colour Scheme on Greeting Cards and Envelopes   | ----- 5 Marks |
| 2                     | Examination  |               |
|                       | a) Embroidery Sample (Any Two Stitches)            | ----- 8 Marks |
|                       | b) Colour Scheme on Greeting Card                  | ----- 4 Marks |
|                       | c) Viva  | ----- 3 Marks |
| <b>Total 30 Marks</b> |  |               |

**Note-** One Record Book shall be maintained by each student. Record Book shall contain the following :

- a) Methods of Embroidering the stitches with the help of diagrams and designs
- b) Small samples of Stitches.
- c) Illustration of Colour and Colour Scheme through different Designs / Pattern

**Note:** The Record Book should be duly certified by the Head of the Department and should be signed and certified by the teacher after every practical.

#### Reference Books:

1. Gross & Grandall, " Management for Modern Families", Appleton century crafts, New York.
2. P. Nickell & Dorsey. J.M., "Management in Family Living", Wiley Eastern Ltd. New Delhi.
3. Bhargara Bela, " Family Resource Management & Interior Decoration," University Bhargara Private Ltd., Jaipur.
4. Rutt, Anna Hong, "Home Furnishing", Wiley Eastern Private Ltd. New Delhi.
5. Goldsmith " Art in everyday Life" Mc. Millan, New York.
6. Deshpande R.S.-"Modern Ideal Houses for Indian," United Book Corporation, Pune.
- 7) मुन्शी आणि जटार - गृहअर्थशास्त्र भाग - १, पिंपळापूर एन्ड कंपनी पब्लिशर्स, नागपूर.
- 8) लिमये क्षमा - गृहअर्थशास्त्र आणि गृहकला, विद्या प्रकाशन, नागपूर
- 9) वसू आणि महाजन - आधुनिक गृहअर्थशास्त्र, मंगेश प्रकाशन, नागपूर.
- 10) पुरब प्रभावती - भरत कला, मॅजेस्टीक बुक डेपो, मुंबई.
- 11) कोकड अ.वि. - अभिनव भरतकला.
- 12) शेरी जे.पी.-गृहकला एवं गृहप्रबंध
- 13) कांडलकर लीना - गृहअर्थशास्त्राची मुलतत्त्वे. विद्या प्रकाशन, रुईकर पथ, नागपूर.
- 14) फरकाडे त्रिवेणी, गोंगे सुलमा - गृहविज्ञान विस्तार
- 15) स्वर्णजयंती ग्राम स्वयंरोजगार योजना - मार्गदर्शक तत्त्वे महाराष्ट्र शासन ग्रामविकास व जलसंधारण विभाग, मुंबई.
- 16) फरकाडे त्रिवेणी, गोंगे सुलमा, कौटुंबिक संसाधनांचे व्यवस्थापन आणि गृहसजावट.

## Criterion I : Curricular Aspects

SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE - 2017 - PART TWO -260

B.A. Part-I (Home Economics)  
Semester -II

Paper- Family Resource Management and Interior Decoration

Time- 3 Hours for Theory  
3 Hours for Practical  
Periods Per Week- Theory - 5  
Practical - 2 (per practical)

Total : 100 Marks  
Theory : 50 Marks  
Internal assessment : 20 Marks  
Practical : 30 Marks

### Objectives:

1. To acquire basic knowledge of principles involved in planning of residential house.
2. To learn and apply various methods and techniques of Work Simplification.
3. To develop employability skills and the skill of "earning while learning."
4. To bring awareness about waste management and water conservation for environment protection.
5. To train the students from self employment point of view.

### Unit 1 : Family Housing

#### 1.1 Family's housing needs

- |                |                       |               |
|----------------|-----------------------|---------------|
| a) Protective, | d) Social             | g) Style      |
| b) Economic,   | e) Standard of Living | h) Function   |
| c) Affectional | f) Housing Goals      | i) Occupation |

#### 1.2 Factors Affecting Selection of Site for House Building

- |                 |                      |                   |                |
|-----------------|----------------------|-------------------|----------------|
| a) Legal Aspect | c) Physical Features | e) Soil Condition | g) Cost factor |
| b) Location     | d) Health aspect     | f) Services       |                |

#### 1.3 Principles of House Planning

- |                      |                |                 |                |
|----------------------|----------------|-----------------|----------------|
| a) Orientation       | d) Circulation | g) Spaciousness | j) Light       |
| b) Grouping of Rooms | e) Flexibility | h) Aesthetics   | k) Ventilation |
| c) Roominess         | f) Privacy     | i) Economy      |                |

#### 1.4 Types of Kitchen (Shapes)

- |                        |                    |                           |
|------------------------|--------------------|---------------------------|
| a) One wall kitchen    | c) L Shape Kitchen | e) Broken U Shape Kitchen |
| b) Double wall Kitchen | d) U Shape Kitchen |                           |

#### 1.5 Recent Trends in Kitchen

### Unit 2: Work Simplification.

- 2.1 Meaning, Importance and Definition of Work Simplification.
- 2.2 Principles of Work Simplification.
- 2.3 Mundel's Law (Classes) of changes.
- 2.4 Techniques of Work Simplification.
- 2.5 Improving methods of Work Simplification.

### Unit 3: Furniture Arrangement

- 3.1 Styles of Furniture  
a) Traditional b) Contemporary c) Modern
- 3.2 Types of Furniture
- 3.3 Factors involved in selection of Furniture.
- 3.4 Arrangement of Furniture in different rooms.
- 3.5 Care of different types furniture.

### Unit 4 : Water Conservation, Drainage and Waste Disposal.

- 4.1 Need, importance and methods of water conservation.
- 4.2 Need and Importance of house drainage.
- 4.3 Methods of House Drainage.  
i) Dilution ii) Purification iii) Soak pits.
- 4.4 Types of waste and need of waste disposal.
- 4.5 Methods of waste disposal.  
a) Composting. c) Conservancy System. e) Incineration.  
b) Vermicomposting. d) Dumping.

## Criterion I : Curricular Aspects

SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE - 2017 - PART TWO -261

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**Unit 5: Job Opportunities, Self Employment and Abilities.**

- 5.1 Definition of Employment and Self Employment. Need of Self Employment in Home Economics.
- 5.2 Opportunities of Job and Self Employment in Home Economics.
- 5.3 Guiding Principles of Self Employment.
  - i) Registration
  - ii) Training
  - iii) Knowledge of Equipments, their care and Material Required.
  - iv) Loan Facility
  - v) Preparation of Project Report.
  - vi) Account Keeping
  - vii) Costing
  - viii) Labeling
  - ix) Packaging
  - x) Marketing.
- 5.4 Concept and Benefits of Self Help Groups and the role of Self Help Groups in women empowerment.
- 5.5 Ways of success of Self Help Groups and Role of MAVM (Mahila Arthik Vikas Mandal) in Self Help Groups

**Internal Assessment : (20 Marks)**

**Distribution of Marks:**

1. Visit / Exhibition of articles made by students.  
 Visit to any one of the following
 

i) Cottage Industry	ii) Self help Group
iii) Women Entrepreneurship Establishment	iv) Exhibition cum sell

 Report writing and submission of the above activity **10 Marks**
  3. Attending, Submission and Presentation of seminar based on syllabus **10 Marks**
- Total 20 Marks**

**Practical :**

1. Class work
  - a) Practical record book. -
    - i) Methods of Embroidering the stitches with the help of diagrams and designs.
    - ii) Embroidering following Stitches
 

1- Bullion (knot) Stitch	2- Bead Work	3- Glass Work
4- Herringbone	5- Kantha Work	6- Jardozi <u>ork</u>
  - b) Embroidering two or three of the above stitches on the Apron.
  - c) Preparing any one article based on "Best out of Waste."  
 (Preparing Bags/ Envelopes from waste papers or Block Printing on Envelopes or Cards )

**Practical Examination : (30 Marks)**

(Time 3 Hours)

**Distribution of Marks**

- 1 **Class work** **5 Marks**
    - a) Practical Record Book **5 Marks**
    - b) Embroidering Stitches on Apron. **5 Marks**
    - c) Any one article based on "Best out of Waste." **5 Marks**
  - 2 **Examination** **8 Marks**
    - a) Embroidery Sample (Any Two Stitches)
    - b) Preparing Bags/ Envelopes from waste papers or any article based on "Best out of Waste" or Block Printing on Envelopes or Cards **4 Marks**
    - c) Viva **3 Marks**
- Total 30 Marks**



## Criterion I : Curricular Aspects

SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE - 2017 - PART TWO -262

**Note-** One Record Book shall be maintained by each student. Record Book shall contain the following :

- a) Methods of Embroidering the stitches with the help of diagrams, designs and small samples of stitches..
- b) Preparing Bags/ Envelopes from waste papers or any article based on "Best out of Waste" or Block Printing on Envelopes or Cards

**Note:** *The Record Book should be duly certified by the Head of the Department and should be signed and certified by the teacher after every practical.*

**Reference Books:**

1. Gross & Grandall, " Management for Modern Families", Appleton century crafts, New York.
2. P. Nickell & Dorsey. J.M., "Management in Family Living", Wiley Eastern Ltd. New Delhi.
3. Bhargara Bela, " Family Resource Management & Interior Decoration," University Book House Private Ltd., Jaipur.
4. Rutt, Anna Hong, "Home Furnishing", Wiley Eastern Private Ltd. New Delhi.
5. Goldsmith " Art in everyday Life" Mc. Millan, New York.
6. Deshpande R.S.-"Modern Ideal Houses for Indian," United Book Corporation, Pune.
- 7) मुन्शी आणि जठार - गृहअर्थशास्त्र भाग - १, पिंपळापूर एन्ड कंपनी पब्लिशर्स, नागपूर.
- 8) लिमये क्षमा - गृहअर्थशास्त्र आणि गृहकला, विद्या प्रकाशन, नागपूर
- 9) वसू आणि महाजन - आधुनिक गृहअर्थशास्त्र, मंगेश प्रकाशन, नागपूर.
- 10) पुरब प्रभावती - भरत कला, मॅजेस्टीक बुक डेपो, मुंबई.
- 11) कोकड अ.वि. - अभिनव भरतकला.
- 12) शेरी जे.पी.-गृहकला एवं गृहप्रबंध
- 13) कांडलकर लिना - गृहअर्थशास्त्राची मुलतत्वे, विद्या प्रकाशन, रुईकर पथ, नागपूर.
- 14) फरकाडे त्रिवेणी, गोंगे सुलभा - गृहविज्ञान विस्तार
- 15) स्वर्णजयंती ग्राम स्वयंरोजगार योजना - मार्गदर्शक तत्वे महाराष्ट्र शासन ग्रामविकास व जलसंधारण विभाग, मुंबई.
- 16) फरकाडे त्रिवेणी, गोंगे सुलभा, कौटुंबिक संसाधनांचे व्यवस्थापन आणि गृहसजावट.

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Appendix-F

## Criterion I : Curricular Aspects

SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE - 2018 - PART TWO - 328

**Pattern of Question Paper**  
Examination: B.A.(Part I,II& III) Home Economics

Time- 3 Hours

Instructions: i) All questions are compulsory  
ii) All questions carry equal marks

Question No. 1: Long answer question with internal choice from any unit of 10 Marks.  
Question No. 2: Long answer question with internal choice from any unit of 10 Marks.  
Question No. 3: Four Short Answer questions with internal choice from any unit of 2½ Marks each (2½ x 4= 10 Marks)  
Question No. 4: Four Short Answer questions with internal choice from any unit of 2½ Marks each (2½ x 4= 10 Marks)  
Question No. 5: Ten objective questions without internal choice (1 x 10 = 10 Marks)

Full Marks -50

Note: i) *Two long answer questions from any two unit.*  
ii) *Two short answer question from any two of the remaining units.*  
iii) *Objective question should be based on remaining unit.*

**Rules and Regulations**

- 1- There will be **five periods per week** for theory paper.
- 2- **For one practical** there will be **two periods per week per batch.**
- 3- The batch for practical will comprise of **Sixteen students.**
- 4- Next (second) batch will be started when the number of students exceed 19. (i.e. when the number of students exceed 20% of the approved batch of 16 Students.)
- 5- The minimum passing marks of theory paper will be 20 (i.e.40%).
- 6- The minimum passing marks for practical will be 12 (i.e.40%)
- 7- The minimum passing marks for internal assessment will be 8 (i.e.40%)
- 8- Separate passing in theory, practical and internal assessment is necessary.
- 9- Marks will not be allotted to students if she is found absent for Practical and sessional.

**Private candidate**

- 1- With regard to the practical work the private candidate should be instructed to complete the practical prescribed in the college where she desires to appear for annual practical. The record book should be duly signed by the concerned head of the department.
- 2- Private candidate should write to the Principal concerned at the beginning of the session for permission to appear for the practical examination from the college.

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Syllabi of B.A.Part-II (Home Eco.)  
Semester-III  
Food Science & Nutrition  
(Implemented From 2018-2019 Session)

Periods of Instruction Per week - 5	Full Marks : 100
Theory : 5 Periods	Theory : 50
Practical : 2 Periods Per Batch	Int. Ass : 20
	Practical : 30

**Objectives: This Course will enable the students :-**

1. To understand the Basic Concept of Nutrition
2. To gain the knowledge of Food, Food Functions and Nutritive Value of Foods.
3. To Develop abilities to plan Diets for various stages.
4. To Inspire the Entrepreneurial Skill.

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Syllabus

**Unit-I**

- 1.1 Introduction of Food and Nutrition
- 1.2 Definitions : Food, Nutrition, Nutrients, Nutritional Status, Malnutrition and Health
- 1.3 Relation between Health and Nutrition
- 1.4 Functions of Foods : Physical, Psychological, Socio-Cultural

## Criterion I : Curricular Aspects

### Unit-II

#### Energy Giving Nutrients:

- 2.1 Fats and Carbohydrates- Classification, Sources, Functions, Requirement, Deficiency Symptoms, & Symptoms due to Excess Consumption
- 2.2 Cereals :- i) Types and Nutritive Value ii) Products  
iii) Gelatinization & Food Quality Improving Methods
- 2.3 Fats - Classification, Sources, Functions, Requirement, Deficiency Symptoms, & Symptoms due to Excess Consumption.
- 2.4 Oil and Oilseeds :- Types, Nutritive Value

### Unit-III

#### Body Building Nutrient :

- 3.1 Protein - Classification, Sources, Functions, Requirement Deficiency Symptoms.
- 3.2 Pulses and Legumes - Types and Nutritive Value.
- 3.3 Eggs- Structure, Nutritive value,
- 3.4 Meat, Fish & Poultry - Types, Nutritive Value and Selection

### Unit-IV

#### Protecting and Regulating Nutrients:

- 4.1 Vitamin-A,B,C,D,E,K- Sources, Functions, Requirement Deficiency Symptoms
- 4.2 Minerals – Calcium, Phosphorus, Sodium Chloride, Iron, Iodine & Copper  
Sources, Functions, Requirement Deficiency Symptoms
- 4.3 Vegetables and Fruits- Importance, Types, Nutritive Value, Selection.
- 4.4 Water- Sources, Functions, Requirement Deficiency Symptoms

### Unit-V

- 5.1 Balanced Diet-Meaning and Importance.
- 5.2 Factors affecting on Balanced Diet
- 5.3 Principles of Meal Planning
- 5.4 Balanced Diet for Childhood, Adolescence, Pregnancy & Lactating Mother.

#### Internal Assessment (Total Marks 20)

1. Visit to Food Industry / Home Industry/ Moll/ Market/ Shop and Submit Report- 10 Marks  
OR  
To Prepare Regional Dish Any One(Group Work- Stall Management Aim)  
OR  
Demonstration Any One related to subject - 10 Marks
2. Group Project (For Developing Research View)

#### Class Work

- a) Celebration of Nutrition Week and Report  
(Aim- Application of Nutrition Knowledge and Extension Activity)
- b) Evaluation of Self Diet (One Week)

#### Practical (Total 30 Marks)

- a) Weights & Measures
- b) Demonstration of Pickles/ Masale/Gravies
- c) Regional Food Preparations Any One- Sambharwadi, Dahi Wada, Uttapa, Chhole Bhature, Sambar Wada & Bengali Mithai (Any One)
- d) Compute Cost and Nutritive Value of Two Rich Nutrients Dish

#### Distribution of Practical Marks

- a) Preparation of Dish & Presentation (One Recipe) - 10 Marks
- b) Nutritive & Cost Value - 05 Marks
- c) Class Work - 08 Marks
- d) Record Book - 04 Marks
- e) Viva-Voce - 03 Marks

#### References :

1. Mudambi, S.R. and Rajgopal M.V. - Fundamental of Food and Nutrition, Wiley Eastern Limited Ansari Road, New Delhi, 1987.
2. Swaminathan, M. - Essential Food and Nutrition V.I & II. The Bangalore Printing and Publishing Comp, Mysore road, Bangalore.
3. ICMR Nutritive Value of Indian Book
4. ICMR Recommended Dietary Allowances.



## Criterion I : Curricular Aspects

SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE - 2018 - PART TWO - 330

5. Desai, Vasant - Entrepreneurship Development Himalaya Pub House 1991- Vol-I,II, and III.  
6. Joshi, S.A. - Nutrition and Dietetics Tata MC Hill Pub Company Ltd New Delhi.  
7. Shrilakshmi, B. - 1998 Dietetics Edi-III New Age international Ltd. Pub. Pune  
8. Sethi, M. and Mathan, S. - Catering management and An Integrated approach, new Age International Private I.Td. New Delhi  
९. महाजनी, स्नेहा - आहारशास्त्राची मुलतत्वे, मंगेश प्रकाशन, नागपूर.  
१०. लेले आणि देऊस्कर - आहारमिमांसा, म. वि. ग्रं. नि. मंडळ, नागपूर.  
११. लेले आणि देऊस्कर - आहारशास्त्र विविध दृष्टीकोनातून, म. वि. ग्रं. नि. मंडळ, नागपूर.  
१२. टिळक, निर्मला - पार्टी-पार्टी शाकाहारी, पोप्युलर प्रकाशन, मुंबई  
१३. परुळेकर, आशा आणि कांबळे वसुंधरा - रूचिपूर्णा, शास्त्र साहित्य, बुधवारपेठ, पुणे.  
१४. लेले सरळ - पोषण व आहारशास्त्र परिचय.  
१५. देऊस्कर, आशा आणि जोशीस्नेहा- अन्न व पोषण प्रारंभिक कार्यपुस्तिका, प्रकाशक, व्ही.एल.देऊस्कर, सुंदावन कॉलनी, अमरावती.

General Reading :

1. Encyclopedia of Social Sciences.

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### Syllabi of B.A.Part-II (Home Eco.) Semester-IV Food Science & Nutrition (Implemented From 2018-2019 Session)

Periods of Instruction Per week - 5  
Theory : 5 Periods  
Practical : 2 Periods Per Batch

Full Marks : 100  
Theory : 50  
Practical : 30  
Int. Ass. : 20

**Objectives:** This Course will enable the students :-

1. To understand the Basic Concepts related to Nutrition.
2. To development abilities to plan diets for various diseases.
3. To understand the methods of Food Preparation and Food Preservation.
4. To encourage the students for self employment.
5. To aware the work of different agencies in the area of health.

#### Syllabus

##### Unit-I

- 1.1 Definitions :Dietetics, Dieticians and Diet Therapy
- 1.2 Objectives and Principles of Diet Therapy
- 1.3 Types of Therapeutic Diet and Role of Dietician in Diet Therapy
- 1.4 National and International Agencies –WHO, UNICEF,NIN & FAO.

##### Unit-II

- 2.1 Digestive System Diseases-Constipation, Acidity and Anemia (Symptoms, Causes, and Dietary Treatment)
- 2.2 Liver Disease - Jaundice (Symptoms, Causes, and Dietary Treatment)
- 2.3 Pancreas Disease-Diabetes (Symptoms, Causes, and Dietary Treatment)
- 2.4 Heart Disease-(Symptoms, Causes, and Dietary Treatment)

##### Unit-III

- 1.1 Food Cooking - Importance and Objectives
- 1.2 Modern Methods of Cooking
- 1.3 Advantage and Disadvantages of Food Cooking
- 1.4 Processes –Pre-Cooking Processes and Improving Nutritional Quality of Food- Germination, Fermentation

##### Unit-IV

- 1.1 Food preservation-Meaning and Objectives
- 1.2 Principles of Food Preservation
- 1.3 Household methods of Food Preservation
- 1.4 Industrial Methods of Food Preservation



## Criterion I : Curricular Aspects

SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE - 2018 - PART TWO - 331

### Unit-V

- 5.1 Food Spoilage-Meaning and Objects
- 5.2 Food Adulteration-Meaning and Health Hazards
- 5.3 Identification of Food Adulteration and Precautions
- 5.4 Food Adulteration Prevention Law

#### Internal Assessment (Total Marks 20)

1. Prepared Therapeutic Diet Plan for any Diseases (Aim-Stall Management and Marketing) - 10 Marks  
OR  
Any Preservative Item (Aim-Stall Management and Marketing)  
OR  
Demonstration Related to Subject Object -
2. Preparation of Innovative Nutritive Dish Using Local Food Stuff (Any One) - 10 Marks

#### Class work

#### a) Preparation Scrap Book

#### Practical (Total 30 Marks)

- a) Weights & Measures
- b) Demonstration of Squash/ Juices/ Soup
- c) One Dish of Rich Nutrient- Vitamin-A, Calories, Protein, Iron, Calcium & Thiamin
- d) Compute Cost and Nutritive Value of Two Dishes

#### Distribution of Practical Marks

- a) Preparation of Dish & Presentation (One Recipe) - 10 Marks
- a) Nutritive & Cost Value - 05 Marks
- b) Class Work - 08 Marks
- c) Record Book - 04 Marks
- e) Viva-Voce - 03 Marks

#### References :

1. Mudambi, S.R. and Rajgopal M.V. - Fundamental of Food and Nutrition, Wiley Eastern Limited Ansari Road, New Delhi, 1987.
2. Swaminathan, M. - Essential Food and Nutrition V.I & II. The Bangalore printing and publishing Comp, Mysore road, Bangalore
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4. ICMR Recommended Dietary Allowances
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7. Shrilakshmi, B. - 1998 Dietetics Edi-III New Age international Ltd Pub Pune
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९. महाजनी, स्नेहा - आहारशास्त्राची मुलतत्वे, मंगेश प्रकाशन, नागपूर.
१०. लेले आणि देऊस्कर - आहारमिमांसा, म.वि. ग्रं.नि.मंडळ, नागपूर.
११. लेले आणि देऊस्कर - आहारशास्त्र विविध दृष्टीकोनातून, म.वि. ग्रं.नि.मंडळ, नागपूर.
१२. टिळक, निर्मला - पार्टी-पार्टी शाकाहारी, पॉप्युलर प्रकाशन, मुंबई
१३. परुळेकर, आशा आणि कांबळे वसुंधरा - रुचिपूर्णा, शास्त्र साहित्य, कुधवारपेठ, पुणे.
१४. लेले सरळ - पोषण व आहारशास्त्र परिचय.
१५. देऊस्कर, आशा आणि जोशीसंघ्या- अन्न व पोषण प्रात्यक्षिक कार्यपुस्तिका, प्रकाशक, व्ही.एल.देऊस्कर, वृंदावन कॉलनी, अमरावती.

#### General Reading :

1. Encyclopedia of Social Sciences.

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Appendix - 'F'

## Criterion I : Curricular Aspects

SANT GADGE BABA AMBAVATI UNIVERSITY GAZETTE - 2019 - PART TWO - 264

**Rules and Regulations**

- 1- There will be five periods per week for theory paper.
- 2- For one practical there will be two periods per week per batch.
- 3- The batch for practical will comprise of Sixteen students.
- 4- Next (second) batch will be started when the number of students exceed 19. (i.e. when the number of students exceed 20% of the approved batch of 16 Students.)
- 5- The minimum passing marks of theory paper will be 20 (i.e. 40%).
- 6- The minimum passing marks for practical will be 12 (i.e. 40%).
- 7- The minimum passing marks for internal assessment will be 8 (i.e. 40%).
- 8- Separate passing in theory, practical and internal assessment is necessary.
- 9- Marks will not be allotted to students if she is found absent for Practical and sessional.

**Private Candidate :**

- 1- With regard to the practical work the private candidate should be instructed to complete the practical prescribed in the college where she desires to appear for annual practical. The record book should be duly signed by the concerned head of the department.
- 2- Private candidate should write to the Principal concerned at the beginning of the session for permission to appear for the practical examination from the college.

**Syllabi for B.A.Final**

**HOME ECONOMICS**  
Semester-V  
**HUMAN DEVELOPMENT**  
(Implemented from the 2019-2020 Session)

Periods of Instruction Per Week-5	Total Marks :100
Practical: 2 Periods Per Batch	Theory: 5 Periods Theory : 50 Practical:30 Int.Ass. :20

**Objectives :**

- 1.To Introduce the Concept of Human Development
2. To know the Factors affecting on Human Development
3. To study the definitions and Meaning Concerning the Concepts

**UNIT-I**

- 1.1 Meaning, Definitions and Importance of Human Development
- 1.2 Stages of Development & Developmental Tasks.
- 1.3 Principles & Factors affecting on Growth & Development
- 1.4 Stages of Prenatal Development.

**Unit-II**

- 2.1 Male and Female Reproduction System.
- 2.2 Sex determination & Twins & Premature Baby-Care & Causes
- 2.3 Advantages of Breast Feeding & Artificial Feeding.
- 2.4 Child Diseases -Diarrhea, Jaundice, Diphtheria, Whooping Cough & Immunization

**Unit-III**

- 3.1 Motor Development : Meaning, Skills.
- 3.2 Causes of Delayed Motor Development.
- 3.3 Physical development : Changes and Factors affecting Physical Development.
- 3.4 Play- Importance, Types & Social Adjustment.

**Unit-IV**

- 4.1 Intellectual Development : Classification of Intelligence. Intelligence Quotient (IQ)
- 4.2 Factor Affecting on Intellectual Development
- 4.3 Speech Development : Stages of Speech Development & Factors affecting on Speech Development
- 4.4 Speech Defects

## Criterion I : Curricular Aspects

SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE - 2019 - PART TWO - 265

### Unit-V

- 5.1 Social Development ; Companion & Playmates.
- 5.2 Emotional Development – Characteristics, Types.
- 5.3 Moral Development ; Method& Factors for Moral Development
- 5.4 Discipline–Types & Merits & Demerits.

#### INTERNAL (Total 20 Marks)

1. Seminar on Related Topics	..	05
2. Case Study / Project (Group)	..	10
3. Educational tour/ visit (Report With Soft Copy)	..	05

#### CLASS WORK

1) Celebration of Breast Feeding Week	..	04
2) Preparation of Supplementary Food for Babyhood-Cerelac/Nachnisatwa/ Sajina – Ghehuna / as per Nutrients. (Any One) (Group)	..	05
3) Poster Competition -Immunization Charts/ Female Foeticide / Personality / Intellectual.	..	05

#### PRACTICALS(30 Marks)

- A) Cooking – Diet Planning and Preparations of Following Recipes
  - \*For Pregnant Women – Mix Veg Paratha, Veg Upma , Dalia & Veg Paneer
  - \*For Lactating Women – Gum Laddoo, VegDhirdi& Veg Cutlet & Halwa.
  - \*Baby During Weaning Period – Khir, Tomato Soup, Sooji, Soft Khichidi
- B) Preparation of Children's Play Materials Best Out of Waste

#### Distribution of Marks (30 Marks)

Preparation of Dish (Any One) With Presentation	- 08 Marks
1) Diet Plan (Any One)	- 05 Marks
2) Class Work/ RB	- 14 Marks
3) Viva	- 03 Marks

#### References :

- |   |  |
|---|--|
| 1. Herlock Elizabeth                          | - Child Development  |
| 2. Swaminathan M.B. and Bharghave, R.K.       | - Our Food.  |
| 3. Herlock Elizabeths                         | - Chilgrowth and Development   |
| 4. Fontana Davind                             | - Personality and Education  |
| 5. Gardner, D. Bruce                          | - Development of early childhood                                     |
| ६. जुननकरकुसुम                                | - मातृकला  |
| ७. चंद्रावसरनलिनी                             | - मातृकला आणि बालसंगोपन पिंपळपुरे प्र.कं.नागपूर.                     |
| ८. पुरम प्रभावती                              | - शिवणकला, मॅजेस्टिक बुक स्टॉल, मुंबई-४                              |
| ९. काळे प्रमला                                | - बाल मानसशास्त्र  |
| १०. आपटे, सारंगधर आणि पाठक                    | - आ  |
| ११. काळे प्रभावती                             | - लोकरीचे अभिनवविणकाम, नितीन प्रकाशन, पुणे-३०                        |
| १२. मिसे, पद्मावती                            | - सोपे शवणकाम मॅजेस्टिक बुक स्टॉल, मुंबई-४                           |
| १३. योगेन्द्रजीत भाई                          | - विकासात्मक मनोविज्ञान  |
| १४. जुननकरकुसुम                               | - बालकावाविकास व खेळणे   |
| १५. जुननकरकुसुम                               | - मातृत्व आणि बालसंगोपन, पिंपळपुरेजेन्ड कं.पब्लीशर्स, महाल,नागपूर-२  |
| १६. व-हाडपांडे नलिनी                          | - बालविकास   |
| १७. कांडलकर,लिना                              | - मानवविकास, विद्या प्रकाशन, रुईकर रोड, नागपूर-०२                    |
| १८. गणोरकर, मीना                              | - बालविकास आणि संबंधितक्षेत्र, म.वि.ग्रं.नि.पुणे-३०                  |
| १९. विंग, क्लाईव्ह, चौधरी शंकरनाडकर्णी सुरेश. | - एघ आय व्ही आणिएडस, कुटुंब मार्गदर्शिका पॉप्युलर प्रकाशन मुंबई – ३४ |

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## Criterion I : Curricular Aspects

SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE - 2019 - PART TWO - 266

**HOME ECONOMICS**  
Semester-VI  
**HUMAN DEVELOPMENT**  
(Implemented from the 2019-2020 Session)

Periods of Instruction Per Week-5

Theory: 5 Periods

Practical: 2 Periods Per Batch

Total Marks : 100

Theory : 50

Practical : 30

Int.Ass. :20

**Objectives: This Course Will Enable The Students**

1. To aware the Role of Heredity & Environment in Development
2. To State the Role of Parent & Teacher in Child Development.
3. To Introduce the Problems of Child .
4. To Inspire the Students for Skill Based Activity.

**Unit-I**

- 1.1 Heredity- Meaning & Laws
- 1.2 Role of Heredity- in Development of Child
- 1.3 Role of Environment- in Development of Child
- 1.4 Role of Family in Development of Child ( Nuclear & Joint)

**Unit-II**

- 2.1 Personality: Types& Factors Affecting on Personality Development.
- 2.2 Defense Mechanism
- 2.3 Self Concept- Types (Positive & Negative) .
- 2.4 Role of Self concept in Personality Development.

**Unit-III**

- 3.1 Leadership- Types & Qualities.
- 3.2 Childhood Behavioral Problems: Lying, Stealing, Nail Biting, Thumb Sucking. (Causes and Remedies)
- 3.3 Need& Importance of Sex Education
- 3.4 Handicapped Child- Types & Education & Learning Difficulties.

**Unit-IV**

- 4.1 Adolescence- Developmental Task
- 4.2 Physical & Emotional Changes in Adolescence .
- 4.3 Adolescence Habits & its effect on their life ( Jvenile Delinquency, Drugs. & Alcoholic)
- 4.4 Role of Parents & Teacher in Developing Positive Attitudes Towards Life.

**Unit-V**

- 5.1 Parenting- Importance & Types
- 5.2 Parent – Child Relationship & Importance,
- 5.3 Methods of Child Rearing Practices.
- 5.4 Parental Challenge – (Junk Food, Television Watching, Social Media)

**INTERNAL (Total 20 Marks)**

- 1) Seminar on related Topics - 10 Marks
- 2) Manage any Event Using Management Process - (Birthday / Tea Party/Any Program)(Report Writing with ICT- Soft Copy) - 10 Marks

**CLASS WORK**

1. Guest Lecture on women Awareness.
2. Workshop on personality development.

**PRACTICALS (30 Marks)**

- A) Cooking – Diet Planning and Preparation of following Recipies
  - Pre-school Children – Sandwiches, Groundnut Chikki, Mix Ladoo, VegPuri.
  - School Going – Cake, Appe and Chutney, Chirvante, Mix Dal Wada
  - Adolescence – Dhokla, Pannertikki, Pav-Bhaji, & Halwa
- B) Drafting and Sticking Any One of the following
  - a) Kurti
  - b) Nighty
  - c) Gown
  - d) Salwar



## Criterion I : Curricular Aspects

- 6 -

**M.A. Part-I (HOME ECONOMICS) EXAMINATION (Revised)**  
**PAPER-I**  
**FAMILY RESOURCE MANAGEMENT**  
**(Semester-I)**

Time : 3 Hrs. (Theory Paper) Total Marks : 100  
Theory : 80  
Sessional : 20

**Objectives :**

1. To know the fundamentals of Family Resource Management
2. To understand the various concept and Principles of Management and its functions
3. To gain knowledge regarding skills, methods and tools for managing resources
4. To become aware about the importance of time and energy management
5. To learn the concepts, principles, techniques of management of family and personal finance

**Course Content**

**Unit-I : Introduction to Family Resource Management**

- i. Nature, scope, significance and functions of Human resource management
- ii. Concepts and activities of family resource management
- iii. Development of managerial activities

**Unit-II : Concept of Management**

- i. Roles of values, goals and standard in management process
- ii. Management applied to the use of resources within and outside home.
- iii. Concept and evaluation of residential course, managerial abilities in residential course, Evaluation of rotation of duties.

**Unit-III : Decision Making**

- i. Role of decision making in family resource management
- ii. Steps in decision making
- iii. Financial decision making and analysis

**Unit-IV : Time and Energy Management**

- i. Process of time and energy management
- ii. Role of time and energy management in different stages of life cycle.
- iii. Tools in time management
- iv. Fatigue and energy management

**Unit-V : Management of Family Finance**

- i. Methods and Techniques in Money Management
- ii. Managing Family Income Budgets
- iii. Investment Options and Risk
- iv. Managing Debit, Credit and Borrowing

**Sessional :**

1. Residential Course / Event Management
2. Seminar on Related Topics.

**Distribution of 20 Internal Assessment Marks**

1. Residential Course / Event Management	..	10
2. Seminar on related Topics	..	10
Total Marks		.. 20

**Books Recommended :**

1. Management for Modern Families - Gross & Crandall.
2. Management in Family Living - Nickel & Dorsey.
3. Motion and Time Study - Alph. M. Barnes
4. Work Simplification - Gerald Nadler
5. Time and Motion Study - Mundel
6. Home Management Context & Concepts - R.E. Dewan & F.M. Firebaugh (Houghton Muffin Co. Boston, 1975)
7. Family Resource Management and Applications - R.E. Dewan & F.M. Firebaugh (Allyn and Bacon Inc. Boston, 1981)
8. Modern Management Issues and Ideas - David R. Hampton
9. Introduction to Management - Chatterjee.
10. A Guide to Efficient Household Management - Feber and J. Feber, 24, Russell Square, London)
11. Management a Decision Making Approach - Young Stanley, (Disconson Publishing Co

## Criterion I : Curricular Aspects

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|----------------------------|---------------------------------|
| 12. Ergonomics of Home     | - Francis and Taylor Co.        |
| 13. Journal and Ergonomics | - Francis and Taylor Co.        |
| 14. Journal and Ergonomics | - Francis and Taylor Co. (V.K.) |
| 15. प्राप्त गृह व्यवस्थापन | - डॉ. आशा निमकर                 |

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**M.A. Part-I (HOME ECONOMICS) EXAMINATION**  
**Semester-II**  
**PAPER-I**  
**FAMILY RESOURCE MANAGEMENT**

Time : 3 Hrs. (Theory Paper)

Total Marks : 100  
Theory : 80  
Sessional : 20

**Objectives :**

- To know the Fundamentals of Family Resource Management

**Unit-I : Kitchen Planning, Interior Decoration and Solid Waste Management**

- Concept and Importance of Housing, Factors Affecting Planning of Home.
- Kitchen Planning according to important operations, Modern Kitchens.
- Planning and Furnishing a Home
- Techniques of Solid Waste Management

**Unit-II : House hold equipment's and care**

- Selection of Equipment's
- Safe Operation of Appliances
- Care and Cleaning of Electric Appliances- Refrigerators, Mixers, Electric Kettles, Irons, Washing Machine, Geysers, Hot Plates,
- Care and Precautions in the use of Non-electric appliances

**Unit-III : Work Simplification**

- Definition and Importance of Work Simplification
- Modes of work Simplification
- Techniques of work Simplification- Pathway chart, Process Chart, Operation Chart, Micro Motion Film Analysis, Cyclograph and Chronocyclograph
- Mundel's Class of Change

**Unit-IV : Ergonomics**

- Definition, Aims and Scope of Ergonomics
- Introduction to Anthropometry and Application of Anthropometry in Product Design
- Man, Machine Environment Interphase
- Behavioral Ergonomics – Work Related Stress, Stress Management

**Unit-V : Applied Work Physiology**

- Factors Affecting Physical Work Performance
- Energy Expenditure of work, Rest and Leisure
- Physiological Fatigue
- Energy Balance Study

**Sessional :**

**Distribution of 20 Sessional Marks**

1. Path Analysis (Bed Making / Tea Making)	..	10
2. Seminar on related Topics	..	10
<hr/>	Total Marks	.. 20

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## Criterion I : Curricular Aspects

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### M. A. Part I HOME ECONOMICS

Semester-I

PAPER-II

### HUMAN DEVELOPMENT

Time : 3 Hrs. (Theory Paper)

Total Marks : 100

Theory : 80

Sessional : 20

#### OBJECTIVES :

1. To introduce the students to the major concept of human development.
2. To provide the information to the students about the characteristics of children with special needs.
3. To acquire the knowledge of personality development.
4. To make the students aware of entrepreneurship.
- 5.

#### COURSE CONTENTS:

##### **Unit-I Introduction**

- 1.1 Meaning and definition of Human development.
- 1.2 Scope and significance of Human development.
- 1.3 Stages of Human development.
- 1.4 Human Development and Family Relationship.
- 1.5 Methods of child study.
  - a. Running Record
  - b. Interview Method
  - c. Observation Method
  - d. Biographical
  - e. Case Study Method
  - f. Experimental Method.

##### **Unit-II –Early Childhood**

- 2.1 Meaning, definition and Significance
- 2.2 Characteristic and care of early childhood.
- 2.3 Moral attitude and behaviours
- 2.4 Social development and activities
- 2.5 Emotions and Emotional expression
- 2.6 Physical development tasks in early childhood.
- 2.7 Play Interest and speech development.

##### **Unit-III Puberty**

- 3.1 Meaning and definition of puberty
- 3.2 Characteristic of puberty
- 3.3 Development tasks and social development
- 3.4 Problems during puberty
- 3.5 Physical changes and growth during puberty
- 3.6 Emotions and Emotional behavior

##### **Unit-IV Personality Development**

- 5.1 Meaning, Concept and significance of personality development.
- 5.2 Factors affecting personality development.
- 5.3 Determination of personality development
- 5.4 Importance of personality development and stages.
- 5.5 Communication skill and personality development

##### **Unit-V Entrepreneurship**

- 5.1 Definition and characteristics of an entrepreneur.
- 5.2 Human development and entrepreneur.

## Criterion I : Curricular Aspects

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- 5.3 Entrepreneurship development and employment promotion
- 5.4. Factors affecting the entrepreneur's role.
- 5.5 Essential quality for self employment.
- 5.6 Preparation of self employment.

### Distribution of 20 Sessional Marks (Practical)

1) Seminar on Related Topic	..	10 Marks
2) Visit to Entrepreneur Centre	..	10 Marks
<u>Total</u>	..	20 Marks

(Survey, Seminar, Record book to be maintained)

#### Reference Books:

1. Barookh, Premila - Nursery Schools in India.
2. Desojh N.E. - Advanced Education Psychology
3. Fontana Davind - Personality and Education
4. Graves, F. P. - Great Education's of Three Centuries.
5. Gardner, D. Bruce - Development of Early Childhood
6. Hurlock Elizabeth - Child Development Psychology
7. Jill, K.R. - Nursery Schools for All, Neil 1972
8. Logan, Lillian - Teaching the Young Child
9. Moone, S.B. and Richard, P. - Teaching in Nursery Education.
10. चंदावसकर नलिनी - किशोरावस्था, म.वि.ग्रं.नि. मंडळ, नागपूर
11. देव, प्रफुल्ल, एन व रायजादा विपिन सिंह - बाल मनोविज्ञान
12. काळे, प्रेमला, - बाल मानसशास्त्र
13. योगेंद्रजीत भाई - बाल मनोविज्ञान

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### M. A. Part I HOME ECONOMICS Semester-II PAPER-II HUMAN DEVELOPMENT

Time : 3 Hrs. (Theory Paper)

Total Marks  
Theory  
Sessional

#### OBJECTIVES:

1. To acquire the knowledge of early childhood education
2. To give the students a broad comprehensive view of the child at each stage of his development
3. To acquire the knowledge of Government Agency.

#### **Unit I: Late Childhood**

- 1.1 Meaning and definition of Late childhood.
- 1.2 Moral development and behavior of late childhood.
- 1.3 Social development in late childhood
- 1.4 Importance of discipline in moral development
- 1.5 Characteristic of early childhood
- 1.6 Speech development in late childhood.

#### **Unit II: Adolescence**

- 2.1 Definition and characteristic of Adolescence.
- 2.2 Problems of adolescence and stages
- 2.3 Social behavior during adolescence
- 2.4 Physical growth in adolescence
- 2.5 Vocational interest and Hobbies in Adolescence.
- 2.6 Social changes during Adolescence
- 2.7 Gang and Leadership



## Criterion I : Curricular Aspects

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### Unit III: Government Agency

- 3.1 Fundamental Responsibility of entrepreneur.
- 3.2 Self Employment potentials in Home-economics
- 3.3 Guiding principles of self employment
- 3.4 Government Agency and scheme for women development.
  - 3.4.1 Mahila Arthik Vikas Mahamandal Maryadid
  - 3.4.2 Swarna Jayanti Gram Swa-Rojgar yojana.
- 3.5 Importance and function of self help group and needs of self help group.

### Unit IV: Early Childhood Education

- 4.1 Balwadi and Kg Education. Its objectives, functions and curriculum.
- 4.2 Staff and other personnel, Academic qualification and personal characteristics.
- 4.3 Concept and definition of parent education and importance of early childhood education.
- 4.4 Parents teacher meeting.
- 4.5 Parents, teacher and child relationship.

### Unit V: Old Age

- 5.1 Concept and definition of old age.
- 5.2 Physical changes and care of old age.
- 5.3 Problems of old age
  - 5.3.1 Familial problems
  - 5.3.2 Social Problems
  - 5.3.3 Psychological problems
- 5.4 Concept and types of old age homes, advantage and Disadvantage of old age homes.
- 5.5 Need of old age care

#### Distribution of 20 Sessional Marks (Practical)

1. Seminar on Related Topic	..	10 Marks
2. Visit to Entrepreneur Centre or Self Help Group	..	10 Marks
<u>Total</u>	..	<u>20 Marks</u>

(Seminar, Record Book to be maintained) Total .. 20 Marks

#### Reference Books :

1. Barookh, Premila – Nursery schools in India.
2. Desojh N.E.- Advanced Education Psychology
3. Fontana Davind – Personality and Education
4. Graves, F. P. – Great Education's of three centuries.
5. Gardner, D. Bruce – Development of early childhood
6. Hurlock Elizabeth – Child Development Psychology
7. Jill, K.R. – Nursery Schools for All, Neil 1972
8. Logan, Lillian – Teaching the young child
9. Moonc, S.B. and Richard, P. – Teaching in nursery education.
10. चंदावसकर नलिनी – किशोरावस्था, म.वि.ग्रं.नि. मंडळ, नागपूर
11. देव, प्रफुल्ल, एन व रायजादा विपिन सिंह - बाल मनोविज्ञान
12. काळे, प्रेमला, -बाल मानसशास्त्र
13. योगेंद्रजीत भाई - बाल मनोविज्ञान

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## Criterion I : Curricular Aspects

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M.A.Part-I  
SEMESTER-I  
PAPER-III

Textile, Clothing and Fashion Designing

Time : 3 Hrs. (Theory Paper)  
4 Hrs. (Practical)

Total Marks : 100  
Theory : 80  
Sessional : 20

**Objectives :**

- 1 To understand the importance of Textile and Clothing
- 2 To Develop an understanding of Different Types of Fibers, Yarns and Fabric Construction
- 3 To Gain the Knowledge of different Textile Finishes.
- 4 To Gain the knowledge of Dyeing and Printing
- 5 To get knowledge of different Types of Design Placement and Regional Embroidery

**Unit-I Introduction to Textile.**

- 1.1 Introduction to textile and clothing.
- 1.2 Revolution in clothing and its causes.
- 1.3 Classification of Textile Fibers. Manufacturing Process, Properties and uses of
  - i) Natural Fibers - Cotton, Silk, Wool, Linen, Jute,
  - ii) Man Made - Artificial Fibers, Viscose, Rayon, Polyester, Nylon Fiber, Mineral Fibers (Fiber Glass and Metallic fibers) Metallic fibers

**Unit-II Fabric Construction.**

- 2.1 Yarn Formation - Mechanical and Chemical Spinning.
- 2.2 Types of yarns - Simple, Novelty, Textured Yarn.
- 2.3 Fabric construction- Methods of Fabric Construction. Felting, Knitting, Braiding, Weaving

**Unit-III Finishes**

- 3.1 Finishes- Definition, Classification and Purpose of Finishes.
- 3.2 General Finishes- Scouring, Bleaching, Tentering, Singeing and Sizing.
- 3.3 Special Finishes- Mercerizing, Special Calendering, Water proof and water repellent, Fire proof, Wrinkle resistant, Shrinkage control (Sanforizing) and Embossing.

**Unit-IV Dyeing and Printing.**

- 4.1 Classification of Dyes-  
*Natural Dyes :*
  - i- Vegetable Dyes
  - ii- Animal Dyes
  - iii- Mineral Dyes.  
*Synthetic Dyes:*
  - i. Acid Dyes
  - ii. Direct Dyes
  - iii. Basic Colour
  - iv. Mordant Dyes
  - v. Reactive Dyes
  - vi. Vat Colour
  - vii. Sulphur Dyes
  - viii. Azoic Napthal Colours
  - ix. Disperse dyes
  - x. Pigment Dyes.
- 4.2 Selection of Dye,  
*Methods of Dyeing :*
  - i. Stock Dyeing
  - ii. Top Dyeing
  - iii. Yarn Dyeing
  - iv. Piece Dyeing
  - v. Dope Or Solution Pigmenting
  - vi. Garment DyeingIdentifying Dyeing defects.
- 4.3 Methods of Fabric Printing-
  - i. Tie and Dye
  - ii. Batik
  - iii. Screen
  - iv. Stencil
  - v. Roller
  - vi. Block Printing

**Unit-V Embroideries**

- 5.1 History of Indian Embroidery.
- 5.2 Selection of design for Embroidery, Types of Printing Design and care during the Printing Design
- 5.3 Importance and Types of Regional Embroideries of India.
  - i. Manipuri Embroidery
  - ii. Kasuti of Karnataka
  - iii. Phulkari of Punjab
  - iv. Chamba Rumal of Himachal Pradesh
  - v) Kathiwadi Embroidery of Gujrat

## Criterion I : Curricular Aspects

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T.E.X.

Time- 3 Hrs,

PRACTICAL

Marks : 20

Class Work :

- 1 Record Book and preparing an album of samples (Handkerchiefs) of following Regional Embroideries of India. Marks : 05
  - i. Manipuri Embroidery
  - ii. Kasuti of Karnataka
  - iii. Phulkari of Punjab
  - iv. Chamba Rumal of Himachal Pradesh
  - v. Kathiwadi Embroidery of Gujrat
- 2 Making any one of the following Article using Regional Embroidery Stitches. Marks : 05  
Kamiz Yoke / Sleeves / Boarder / Wall Frame / Cushion Cover / Pillow Cover / Children ware / Sari / Scarf / Wall hanging.

Practical Examination :

Total Marks : 20

1	Embroidery Sample (Any Two)	....	08
2	Viva.	....	02
3	Class Work		
	i. Record Book and Album	....	05
	ii. Making Article (any one)	....	05

Marks : 20

Reference Books :

1. Allyn Bans : Creative Clothing Construction.
2. Baxamusa Ramdas M and K Gupte Girija : Assistance for Women's Development from National Agencies : Popular Prakashan, Bombay.
3. Deulkar Durga: Household Textiles and Laundry work.
4. Katherene Hess : Textile Fibers and their use.
5. Nicholas Drake : Fashion Illusion Today.
6. Sloane G.: Illustration Fashions
7. Savitri Pandit : Regional Embroidery
8. Womgate Osabe : Fiber to Fabric.
9. अढाळ विमल : वस्त्रशास्त्र : म.वि.ग्रंथ निर्माती मंडळ, नागपूर
10. अढाळ विमल : वस्त्रविज्ञान : श्रीकांत प्रकाशन, अमरावती
11. हेगडे, कु.म.: शास्त्रोक्त शिवणकला : परशुराम प्रोसेस, पुणे
12. वैरागडे उज्वला, अग्रवाल अन्विता : वस्त्रशास्त्राची संकल्पना व फॅशन डिझायनिंग
13. नाडकणी रामचन्द्र : स्वयंरोजगार - मंत्र आणि तंत्र, मनोरमा प्रकाशन, मुंबई
14. वाघ सुरेश : उद्योग ज्ञानदिप, महाराष्ट्र उद्योग विकास केद्र, औरंगाबाद
15. Yalda Vijaya Laxmi, Jasnai Sucheta : Home Science-Kalyani Publishers, New Delhi.

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### M.A.Part- I SEMESTER - II PAPER -III

Textile, Clothing and Fashion Designing

Time : Theory : 3 Yrs  
Practical : 3 Hrs,

Total Marks : 100  
Theory: 80  
Practical : 20

Objectives :

- 1 To gain knowledge about history and basic elements of Garment Construction.
- 2 To develop the skill of making paper pattern for different types of garments.
- 3 To get knowledge of different types of regional costumes.
- 4 To acquaint the students with latest fashion in clothing construction.
- 5 To promote entrepreneurship skill among the students

Unit-I History and Measurements of Clothing.

- 1 1 History of clothing, Psychological Effects of clothing and factors affecting selection of clothing.

## Criterion I : Curricular Aspects

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- 1.2 Body measurements and its importance, Preparing Measurement Chart  
1.3 Method of Pattern Making-  
i- Drafting                      ii- Draping                      iii- Flat Patterns

### Unit-II Clothing Construction-

- 2.1 Basic elements in garment construction.  
Types of Seam.  
2.2 Types of Fullness  
i- Tucks                      ii- Frills                      iii- Darts and Pleats  
2.3 Types of Sleeves  
i- Plain                      ii- Puff                      iii- Bell  
iv- Leg-o-Mutton                      v- Petal                      vi- Circle Sleeves  
Types of Neck lines  
i- Plain                      ii- High                      iii- Boat Neck  
Types of Collars  
i- Flat                      ii- Peter Pan                      iii- Stand and  
iv- Turtle Neck Collar.

### Unit-III Traditional Textile and Clothing of India.

- 3.1 Traditional Textile of India -  
Kalamkari, Patola, Himru-Amru, Pitambar, Dacca Muslin, Baluchar Buttedar, Kanjiwaram, Paithani, Chanderi and Maheshwari.  
3.2 Traditional Costume of Northern India (Male & Female)  
i- Kashmir                      ii- Himachal Pradesh                      iii- Punjab                      iv- Hariyana  
v- Rajasthan                      vi- Gujrath  
3.3 Traditional Costume of Central and Southern India (Male & Female)  
i- Madhya Pradesh                      ii- Maharashtra                      iii- Bangal and Orisa  
iv- Manipur                      v- Karnataka                      vi- Tamilnadu.

### Unit-IV Fashion Designing

- 4.1 History of Fashion Designing, Concept of Fashion,  
Fashion Cycle : Factor's affecting on Fashion Cycle.  
4.2 Factors influencing Fashion / Fashion Cycle-  
i. Economical                      ii. Technical                      iii. Geographical                      iv. Social  
v. Cultural                      vi. Educational                      vii. Political Factors  
viii. Religious Factor                      ix. Other Factors  
4.3 Importance and Types of Regional Embroideries of India :  
1. Kashmiri Embroidery,                      2. Applique Work of Bihar,                      3. Kucch Embroidery  
4. Chicken Kari of Uttar Pradesh                      5. Kantha Embroidery of Bengal.

### Unit-V New Challenges and Self Employment

- 5.1 Fashion adoption theories-  
i. Trickle- Down Theory                      ii. Trickle- Across Theory  
iii. Bottom-Up Theory.  
Combination of Old and New Fashion in day-to-day life.  
5.2 Scope of Fashion Designing-  
i. Textile designing                      ii. Fashion Designing  
iii. Fashion Marketing.  
Fashion - a Big Business, Fashion Concept.  
5.3 Importance and advantages of Computer Designing in Self Employment.

### Practical

#### Class Work :

1. Preparing an album of Samples (Handkerchiefs) of following : 05 Marks  
i) Kashmiri Embroidery,                      ii) Applique Work of Bihar,                      iii. Kucch Embroidery  
iv) Chicken Kari of Uttar Pradesh                      v) Kantha Embroidery of Bengal.



## Criterion I : Curricular Aspects

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2. **Record Book :** Marks : 05  
Drafting- Draft details, Layout, Cutting, Stitching and finishing of **Any One** garment from the following for the girls above 5 years of age.

- i. Salwar ii. Kurta

**Practical Examination :**

**Total Marks : 20**

- |  |     |    |
|--|-----|----|
| 1. Embroidery Sample (Any One)                 | ... | 04 |
| 2. Paper Drafting, Cutting Finishing (Any One) | ... | 04 |
| 3. Viva  | ... | 02 |

- 3 **Class Work :**

- |   |     |    |
|---|-----|----|
| 1. Record Book and Stitching and Finishing Garments (Any One) | 05  |    |
| 2. Preparing Album of Embroidery                              | ... | 05 |

**Marks : 20**

**Reference Books :**

1. Allyn Bans : Creative Clothing Construction.
2. Baxamusa Ramdas M and K Gupte Girija : Assistance for Women's Development from National Agencies : Popular Prakashan, Bombay.
3. Nicholas Drake : Fashion Illusion Today.
4. Sloane G.: Illustration Fashions
5. Savitri Pandit : Regional Embroidery
6. Womgate Osabe : Fiber to Fabric.
7. अढलु वलडल : वसुतुरशलसुतुर : ड.वल.अुथु नलरुडुतु डुडुडु, नलडडुडु
8. अढलु वलडल : वसुतुरवलडुनलन : शुुरलकलत डुरकलशन, अडुरलवतुतु
9. डुडुडुडु, कु.डु. : शलसुतुरकुतु शलवणकलल : डुरशुुरलडु डुरुडुसुसु, डुणु
10. वुडुरलडुडु उडुडुलल, अडुडुवल अनुवलतल : वसुतुरशलसुतुरलकु शुकलुडुनल व डुडुडुन डलडुडुडुडुडुनलडुग
11. नलडुकणुुी रलडुडुनुडुर : सुवडुरुडुडुडुडुडुडु - डुनुतुर अलणल तनुतुर, डुनुुुरडु डुरकलशन, डुनुडुडु
12. वलडु सुडुरेश : उडुडुडु डुनलनडुडुडु, डुडुरलडुडु उडुडुडु डुवलकलस कुडुडु, अुरुडुगलडुडुडु
13. Yalda Vijaya Laxmi, Jasnai Sucheta : Home Science-Kalyani Publishers, New Delhi.

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## Criterion I : Curricular Aspects

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**M. A. Part I HOME ECONOMICS**  
**Semester-I**  
**Paper-IV**  
**Research Methodology and Statistics**

Time : Theory – 3 Hrs.  
Periods : 06 Per week

Total Marks - 100  
Theory - 80  
Sessional - 20

**OBJECTIVES :**

1. Understand meaning process and importance of research in Home-Economics
2. Select problem, tools and methods for conducting research.
3. Interpret data manually as well as on computer
4. Develop inclination and skill in preparing report.
5. Understand the use of computer in Statistics.

**COURSE CONTENTS:**

**Unit-I Home Economics and Research**

- 1.1 History, Definition and Objectives of Home-Economics.
- 1.2 Significance of Research in Home-Economics.
- 1.3 Research application in different branches of Home-Economics – Food & Nutrition, Human Development, Consumer economics, Textile & Clothing.
- 1.4 Role of Home Economics to Solve Social Problem of Community.

**Unit-II Introduction of Social Research**

- 2.1 Meaning and definition of Social Research
- 2.2 Characteristics and concept of Social Research.
- 2.3 Types of Research Methods in Social Sciences – Survey, Case Studies and Experimental Method.
- 2.4 Qualities of Good Researcher.

**Unit-III Research Methods – Hypothesis**

- 3.1 Meaning and Definitions of Hypothesis.
- 3.2 Types of Hypothesis
- 3.3 Importance of Hypothesis Formulation
- 3.4 Concept of Null Hypothesis and Testing

**Unit-IV Research Methods – Data Collection**

- 4.1 Definitions and Importance of Data
- 4.2 Types of data : Primary and Secondary
- 4.3 Source of data: Primary sources and Secondary Sources
- 4.4 Distinction between Primary and Secondary Data

**Unit-V The Sampling Technique**

- 5.1 Meaning and Definition of Sampling
- 5.2 Basic Principal of Sampling
- 5.3 Probability Sampling
- 5.4 Non-Probability Sampling

**Distribution of 20 Sessional Marks**

a. / Submission of Report-	... 10 Marks
b. Presentation & submission of Seminar Based on Syllabus	... 10 Marks
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Total Marks	... 20 Marks

**References:**

1. Chanda, A and Saxena, T.P., 1979 Style Manual for writing? Thesis, Dissertations and Papers in Social Science-Metropolitan Book Co. Pvt. Ltd. New Delhi.
- Chanda, P- 1992 – Project Preparation, Appraisal, Budgeting and Implementation. Tata Mc Graw Hill, New Delhi.
2. Gresswell, J- 1994 – Research Design: Qualitative and Quantitative Approaches – SAGE Public
3. Gavett E- 1977- Statistics in Psychology and Education.
4. Gupta, S.C.: Kappor, V.K. 1994 – Sultan Chand and Sons, Educational Publisher 23, Daryaganj, New Delhi – 110002.
5. Ingale, P.O.- 1999- Scientific Report Writing – Published by Sarala P. Ingale, 65, Bhagwan Nag Nagpur.
6. Kamath, R and Udipi S – Guide to Thesis Writing.
7. Kanji, G.K.- 100 Statistical Test – SACE Publication

## Criterion I : Curricular Aspects

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8. Kothari, C.R. – 1995 Research Methodology Methods and Techniques – Vishwa Prakashan.
9. Kamath, R and Udipi, S.A. – 1989 – Guide to Thesis Writing S.N.D.T. Women University, Santacruz, Bombay – 400 049.
10. Patton, M.Q. 1980 – Qualitative Evaluation Methods – SAGE Publication.
11. Yadla Vijaya Lakshmi, Jasnal Sucheta: Home Science, Kalyani Publishers, New Delhi 2002.
12. भांडारकर, पी.एल. - सामाजिक संशोधन पद्धती
13. कायंदे, पाटील डॉ.गंगाधर वि. - संशोधन पद्धती, संशोधन सिद्धान्त आणि व्यवहार - सामाजिकशास्त्र संशोधन पद्धती - वैश्विक संशोधनाची मूल तत्वे, - समाजशास्त्रीय संशोधन तत्वे व पद्धती, प्रकाशक - श्री मंगेश प्रकाशन नागपूर-१०.
14. घाटोळे रा.ना. - संगणकाची मूलतत्वे व चलन प्रणाली - साईनाथ प्रकाशन, नागपूर.
15. बोधनकर डॉ.सुधीर अलीणी विवेक- संशोधन पद्धती शास्त्र व तंत्रे
16. आगलावे प्रदिप - संशोधन पद्धती शास्त्र व तंत्रे, साईनाथ प्रकाशन, नागपूर (आवृत्ती - २००८)
17. आगलावे प्रदिप

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**M. A. Part I HOME ECONOMICS**  
**Semester-II**  
**Paper-IV**  
**Research Methodology and Statistics**

Time : Theory – 3 Hrs.  
Periods : 06 Per week

Total Marks - 100  
Theory - 80  
Sessional - 20

**Objectives :**

1. Understand the significance of research method in research.
2. Apply statistical techniques to research data for analyzing and interpreting.
3. To develop ability to present and interpret data in a research report.

**Course Content**

**Unit-I Tools of Research.**

- 1.1 Observation :
  - a. Definition and Characteristics of Observation.
  - b. Types of Observation
  - c. Merits and Importance of observation Method
- 1.2 Interview:
  - a. Meaning and Definition of Interview.
  - b. Characteristics and Main Objects of Interview.
  - c. Types of Interview.
- 1.3 Questionnaire:
  - a. Meaning and Definition of Questionnaire.
  - b. Demerits or Limitations of Questionnaire.
  - c. Types of Questionnaire
- 1.4 Schedule.
  - a. Definitions and Objective of Schedule.
  - b. Process of Preparing schedule.
  - c. Steps, Utility Or Importance of Schedule.

**Unit-II : Research Design.**

- 2.1 Meaning and Definitions of Research Design.
- 2.2 Characteristics and objects of Research Design.
- 2.3 Exploratory Research Design
- 2.4 Descriptive Research Design

**Unit-III Scaling Techniques**

- 3.1 Meaning, Difficulties and Utility of Scales.
- 3.2 Thurstone Technique of Scale.
- 3.3 Likert Technique of Scale.
- 3.4 Bogardus's Social Distance Scale.

**Unit-IV Scientific Report Writing.**

- 4.1 Basic Preliminary – Introduction and Statement of Problems.
- 4.2 Objectives, Hypothesis and Review of Literature.
- 4.3 Methodology, Result and Discussion.
- 4.4 Summary, Conclusion and Bibliography

## Criterion I : Curricular Aspects

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### Unit-V Statistics

- 5.1 Definition, Concept, Scope and Functions of Statistics.
- 5.2 Classification and Tabulation of Statistical Data.
- 5.3 Central Tendency and their Measures.
  - 5.3.1 Arithmetic average or Mean, Median, Mode.
  - 5.3.2 Standard Deviation –
    - a) Individual Series b) Discrete Series, c) Continuous Series.
- 5.4 Co-relation Analysis
  - 5.4.1 Meaning, Definition and Concept of Co-relation.
  - 5.4.2 Type and Importance of Co-relations Analysis.
  - 5.4.3 Karl Pearson's Co-efficient of Co-relation –
    - a) Direct Method, b) Shortcut method

### Distribution of 20 Sessional Marks

a. Synopsis of Writing	... 10 Marks
b. Presentation & submission of Seminar Based on Syllabus	... 10 Marks
<b>Total Marks</b>	<b>... 20 Marks</b>

### References:

1. Chanda, A and Saxena, T.P., 1979 Style Manual for writing? Thesis, Dissertations and Paper Social Science-Metropolitan Book Co. Pvt. Ltd. New Delhi.
- Chanda, P- 1992 – Project Preparation, Appraisal, Budgeting and Implementation. Tata Mc Graw Hill, New Delhi.
2. Gresswell, J- 1994 – Research Design: Qualitative and Quantitative Approaches – SAGE Publications.
3. Gavett E- 1977- Statistics in Psychology and Education.
4. Gupta, S.C.: Kappor, V.K. 1994 – Sultan Chand and Sons, Educational Publisher 23, Dary New Delhi – 110002.
5. Ingale, P.O.- 1999- Scientific Report Writing – Published by Sarala P. Ingale, 65, Bhagwan Nagpur.
6. Kamath, R and Udipi S – Guide to Thesis Writing.
7. Kanji, G.K.- 100 Statistical Test – SACE Publication
8. Kothari, C.R. – 1995 Research Methodology Methods and Techniques – Vishwa Prakashan.
9. Kamath, R and Udipi, S.A. – 1989 – Guide to Thesis Writing S.N.D.T. Women Univ Santacruz, Bombay – 400 049.
10. Patton, M.Q. 1980 – Qualitative Evaluation Methods – SAGE Publication.
11. Yadla Vijaya Lakshmi, Jasnal Sucheta: Home Science, Kalyani Publishers, New Delhi 2002.
12. मांडारकर, पी.एल. - सामाजिक संशोधन पद्धती
13. कायंदे, पाटील डॉ.गंगाधर वि. - संशोधन पद्धती, संशोधन सिद्धान्त आणि व्यवहार - सामाजिकशास्त्र संशोधन शैक्षणिक संशोधनाची मूल तत्वे.
14. घाटोळे रा.ना. - समाजशास्त्रीय संशोधन तत्वे व पद्धती, प्रकाशक - श्री मंगेश प्रकाशन नागपूर
15. बोधनकर डॉ.सुधीर अलीणी विवेक- संगणकाची मूलतत्वे व चलन प्रणाली - साईनाथ प्रकाशन, नागपूर.
16. आगलावे प्रदिप - संशोधन पद्धती शास्त्र व तंत्रे
17. आगलावे प्रदिप - संशोधन पद्धती शास्त्र व तंत्रे, साईनाथ प्रकाशन, नागपूर (आवृत्ती – २००८)

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## Criterion I : Curricular Aspects

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Draft Syllabi of M.A.Part-II (Home Eco.)  
Semester-III  
Paper-I  
Consumer Economics & Marketing  
(Implemented From 2018-2019 Session)

Periods of Instruction Per week.	Full Marks	: 100
Theory : 4 Periods	Theory	: 80
Practical / Sessional : 2 Periods Per Batch	Sessional	: 20

**Objectives :-**

1. To understand the Basic Concept of Consumer Economics.
2. To understand the Basic Concept of Marketing.
3. To make Students alert about their Consumer Right.
4. To aware the Students about Purchase Decisions.

**Syllabus**

**Unit-I**

- 1.1 Meaning, Definition and Scope of Economics.
- 1.2 Nature of Economics Problems.
- 1.3 Law of Consumption.
- 1.4 Marginal and Total Utility.

**Unit-II**

- 2.1 Nature and Characteristics of Human Want.
- 2.2 Classification of Human Wants and Standard of Living of Consumer.
- 2.3 Indifference Curve Analysis, Scale of Preference
- 2.4 Characteristics of Indifference Curve.

**Unit-III**

- 3.1 Process, Types, Motivating Factors of Purchase Decisions
- 3.2 Social Effects of Consumer's Decisions.
- 3.3 Types of Purchasing Practices of Consumer and Their Merits and Demerits
- 3.4 Consumer's Demand: Law of Demand, Elasticity of Demand, Family Budget, Limitations of Demand

**Unit-IV**

- 4.1 Consumer Protection: Need for Protection of a Consumer Warranty regarding Weight Measure and Quality of Goods.
- 4.2 Measures of Protection : Standardization: Agmark, ISI, fssai , Hallmark
- 4.3 Types and Functions of Labels, Brands, Trademarks, Quality Control.
- 4.4 Consumer Education and Knowledge regarding Consumer Laws, Need for Consumer's Education, Consumer Education and Consumer Forums.

**Unit-V**

- 5.1 Consumer organization, their objectives and functions.
- 5.2 Progress and Scope of Consumer Movement in India and Abroad- England, America and Europe
- 5.3 Role of women in Consumer Movement.
- 5.4 Consumer Co-operatives in India. Advantage and Disadvantages of Consumer Co-operatives

**Internal Assessment/Sessional (Total Marks 20)**

1. Survey and Report Writing on any related Topic (Sample Size 20) - 10 Marks
2. Seminar on Related Topics - 10 Marks

**Reference Books :**

1. Datt, Raddar and Sundharam K.P. - Indian Economy
2. Morgan J.N. - Consumer Economics
3. Oppenheim - The Family as Consumer
4. Phillips E.B. - Consumer Economics Problems.
5. Trolstrup A.W. - Consumer Problems and Personal Finance.
6. Williems & Heamer - Consumer Economics : Principles and Problems.
7. ग्राहक पंचायतीचे त्रैमासिक- ग्राहक नवनीत
8. जोशी आणि पळणीकर - विपणन, जाहिरात व विक्रयकला
9. पेंडारकर विनायक - व्यवसाय नियामक कायदे

## Criterion I : Curricular Aspects

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10 सोनारीकर सुनंदा  
11 झामरे जी.एन्.  
12 झामरे जी.एन्.  
13 तायडे पुष्पा सुमाष

- उपभोक्त ग्राहक अर्थशास्त्र  
- स्थूल अर्थशास्त्र  
- सूक्ष्म अर्थशास्त्र  
- सूक्ष्म अर्थशास्त्र

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**Semester-III  
Paper-II  
Food Science and Food Service Management  
(Implemented From 2018-2019 Session)**

Periods of Instruction Per week.  
Theory : 4 Periods  
Practical / Sessional : 2 Periods Per Batch

Full Marks : 100  
Theory : 80  
Sessional : 20

**Objectives :**

1. To understand the Role of Nutritionist and Dietitian.
2. To Acquaint the Relation between Food and Health .
3. To Acquire the Practical Knowledge in the area of Nutritional Counseling and Diet Therapy.
4. To capable the Student for Managing Food Services and for Entrepreneurial Skill.
5. To Make the students as a responsible Citizen for Disseminating the Nutrition Knowledge

Syllabus

**Unit-I**

- 1.1 Concept and Meaning of Food
- 1.2 Relation in Food and Health
- 1.3 Causes of Mal-Nutrition.
- 1.4 Assessment of Health Status of the Community
- 1.5 Assessment of Nutritional Status of Community

**Unit-II**

- 2.1 Socio-Economic Demographic Dietary Survey.
- 2.2 Anthropometry, Clinical and Biochemical Evaluation.
- 2.3 Meaning Concept, Definition of Therapeutic Diets.
- 2.4 Type of Feeding (Oral, Tube, Parental and Intravenous)
- 2.5 Pre-operative and Post Operative Diet.

**Unit-III**

- 3.1 Role of Nutritionist /Dietitian in Nutrition
- 3.2 Process of Nutrition Counseling
- 3.3 Functions of Liver
- 3.4 Functions of Kidney
- 3.5 Functions of Heart

**Unit-IV**

- 4.1 Symptoms and Dietary Treatment of Hepatitis-B
- 4.2 Symptoms and Dietary Treatment of Nephritis
- 4.3 Symptoms and Dietary Treatment of Atherosclerosis
- 4.4 Symptoms Dietary Treatment of Osteoporosis
- 4.5 Education of Patient

**Unit-V**

- 5.1 Stages (Sugar Cookery)
- 5.2 Factors Affecting Crystallization
- 5.3 Fondants and Fudge
- 5.4 Uses of Starch in Cookery.
- 5.5 Food Marketing- Labeling, Packaging and Advertising

## Criterion I : Curricular Aspects

F. S. N.

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### PRACTICAL

- 1.1 Sugar, cereal, cookery - Preparation, labeling and cost computation, marketing and presentation.
- 1.2 Planning and prepare one dish for a patient Hepatitis B ( Juices / Soups) and Osteoporosis( Groundnut Chikki/Ragi Khir) and calculate its nutritive value.
- 1.3 Diet survey of adolescent girl or adult woman/ study on any one disease of the following and maintain record ( Diabetes/Anemia/Hypertension)

### CLASS WORK

#### 1) Seminar – Related to Subject's Content (ICT Based) - 05 Marks

Record Book - 03 Marks

#### Distribution of 20 Marks of Practical

1.1 (As above)	-	06 Marks
1.2 (As above)	-	03 Marks
1.3 (As above)	-	03 Marks
Class Work	-	05 Marks
Record Book	-	03 Marks
<b>TOTAL</b>	<b>-</b>	<b>20 Marks</b>

#### Books Recommended :

1. Akhauri, M.M.P. (1990) Entrepreneurship for women in India NDESBUD, New Delhi
2. Anita F. P. (1991) Clinical Nutrition and Dietetics, Oxford University Press Bombay
3. Bamji M. Et al (1996) Text Book of Human Nutrition IB Publishing Co, New Delhi.
4. Deoskan A and Lele S ( 1 982) Dietary Guidelines for Indians A Mamal of NIN Hyderabad
5. Gangadharrao, M (1992) Entrepreneurship and Entrepreneur Development, Publishing House, Kaniskha, New Delhi
6. Gopalan C et at (1 990) Nutritive Value of Indian Foods : NIN Hyderabad
7. John U (1985) Indian Woman in Business, Indian and Foreign Review 18 (4) Dec. 1985
8. Joshi, S (1 992) Nutrition and Dietetics. Tata MacGrow Hill Publishing Co. Ltd.
9. Koteschevar, I.M. Standard (1974) Principles and Techniques in Quality Food Production. Cohran Book International.
10. Monay, S and Sharaswamy M. S. (1 987) Foods and Facts and Principles, Wiley Eastern Limited.
11. Philip, T. E. ( 1 983) Modern Cookery for Teaching and Trade Vol I and II Orient Longman Ltd.
12. Raheena Begum ( 1 996) Food, Nutrition and Dietetics, Sterling Publishers Bangalore
13. Rajalaxmi R. (1974) Applied Nutrition Oxford and IBH Publishing Co. Ltd.
14. Robinson C. H. Weighey E.S. (1996) Basic Nutrition and Diet Therapy, MacMillan Publishing Co. New York
15. Sharma R ( 1 999) Diet Management BI Churchil living stone Pvt. Ltd. New Delhi.
16. Sarawate, D (1 982) A Practical Guide Bool to Market Research
17. Text and Cases Kirloskar Press
18. Swaminathan M. S. Advanced Text Book on Food and Nutrition.
19. West B. Betal (1977) Food Service in Institution, John Wiley and Sons
20. डॉ. प्रकाश परांजपे (१९९४) - बहुगुणी वनसती, दामोदर कुळकर्णी, श्री विद्या प्रकाशन, २५०, शनिवार पेठ, पुणे ३०
२१. डॉ. प्रकाश परांजपे, स्मिता परांजपे - सौंदर्यासाठी आयुर्वेद, उपेंद्रा दामोदर कुळकर्णी, श्री विद्या प्रकाशन, २५०, शनिवार पेठ, पुणे ३०
२२. श्रीमती शांताबाई पाथरकर - वृक्षवल्लीच्या साम्राज्यात फेरफटका अर्थात वैद्यराजाच्या सहवासात, डॉ.सुरशीला पाटील, "ज्ञानदीप", राठीनगर, अमरावती.
२३. डॉ.एस.डी. कोपरकर आयुर्वेदाचार्य - विविध आजार आणि आयुर्वेदीक औषधोपचार, प्रकाशन - अभिरुची बुक्स एजन्सी, दक्षिण कसबा, सोलापूर (महाराष्ट्र)
२४. माधव चौधरी - आहार हेच औषध धनलाल ब्रदर्स डिस्ट्रीब्युटर्स, ६०, प्रिन्सेस स्ट्रीट, मुंबई - ४०० ००२.
25. Alen Berg (1989) ; Mal nutrition what can be done ? International World Banks Publication. The Johns Hopkins University Press, Baltimore & London.
26. Shrilakshmi (2000); Dietetics, New Age International (G) Limited, Publishers Amari Road, Daryaganj, New Delhi.
27. Family Doctor (2005); Edited by Balaji Tambe, Sakal Publication.
28. Women and Nutrition (1989); in India Edited by C. Gopalan / and Survinder Kaur, NFI. Publication N. Delhi. ;
29. Proud Fit Robinson's (1990); Normal and Therapeutic
30. Pasricha Swaraj, Dietary tips for elderly, NIN ICMR Publication Hyderabad.
31. रोहनी, कमला - आहार गाथा, आहार व आरोग्य विचार, रोहन प्रकाशन.
32. धुरु, वसुमती - मध्यम वय सावध आहार मॅजेस्ट्रीक प्रकाशन.

## Criterion I : Curricular Aspects

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33. Kaushik V.K. Reading in Food Nutrition & Dietetics, Book Enclave Publishers, Jaipur.
34. Thapar R.S. - Our food - Atmaram R. Sons Publication. N. Delhi.
35. Godbole Ramesh (2003) Laddha Sakhareshri, Rajhans Publications , Pune

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**Semester-III  
Paper-III  
Extension Education & Communication  
(Implemented From 2018-2019 Session)**

Periods of Instruction Per week.	Full Marks	: 100
Theory : 4 Periods	Theory	: 80
Practical / Sessional : 2 Periods Per Batch	Sessional	: 20

**Objectives :**

1. To Make Students Aware of the Problems in the Rural Community
2. To understand the Principles and Techniques of Extension.
3. To understand the Changing Concept of Extension.
4. To understand the Role of Communication in Extension.

----- Syllabus

**Unit-I**

- 1.1 Definition need & Scope of Extension Education.
- 1.2 Concept & Philosophy of Extension Education.
- 1.3 Objectives of Extension Education.
- 1.4 Principles & Characteristic of Extension Education.

**Unit-II**

- 2.1 Different methods of extension education.
- 2.2 Classification of method.
- 2.3 Role of Home Economics in community development.
- 2.4 Role of voluntary agencies in rural development.

**Unit-III**

- 3.1 Meaning & definition of communication.
- 3.2 Principles of communication.
- 3.3 Concepts & elements of communications
- 3.4. Methods of communication

**Unit-IV**

- 4.1 Goals, Objectives of Communication.
- 4.2 Characteristics of Communication.
- 4.3 Function of Communication.
- 4.4 Characteristics of Good Communication.

**Unit-V**

- 5.1 Significance of appropriate technology.
- 5.2 Need of appropriate technology for women.
- 5.3 Appropriate Technology used in rural Area such as Vermi Compost & Post Harvest Technology
- 5.4 Appropriate Technology used in Rural Area such as Solar Water Heater & Solar Cooker, Water Filter.

**Internal / Sessional Marks (Total 20 Marks)**

A) Seminar on Related Topic	...	05 Marks
B) Visit to Self Help Group	...	10 Marks
C) Report Writing on Visit	...	05 Marks

**Books Recommended :**

1. बंसल, डॉ. शैल - प्रसार शिक्षा, शिवा प्रकाशन, श्री गणेश मार्केट, खजूरी बाजार, इंदौर.
2. Crow and Crow - 'Educational Psychology'
3. Chandra Arvind - 'Introduction to Home-Science'
4. Chandra Arvind - 'Fundamentals of Home-Science'
5. Devdas, R.P. - 'Methods of Teaching Home-Science'



## Criterion I : Curricular Aspects

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6. Dharma, O. P. Bhatnagar, O.P.
  7. दुबे, विरेन्द्रकुमार आणि सुखविंदर सिंह
  8. फरकाडे, त्रिवेणी, गोमे, सुलभा
  9. Govt of India
  10. Govt of India
  11. जाधव, रं.रा.
  12. पाटनी आणि ठाकूर यु.एस.
  13. तिजारे, बा.बा.
  14. सिंह, जयपाल
  15. Waghmare ,S.K, Vallabh Vidyana 'Teaching Extension Education' Anand Gujrathi, 1980
- Education and Communication for Development  
- भारत में प्रसार शिक्षा, हरियाणा साहित्य अकादमी, चंदीगढ़.  
- गृहविज्ञान विस्तार  
- 'Community Development'  
- 'Science and Technology of India'  
- कृषी विस्तार शिक्षण पद्धती.  
- गृहविज्ञान प्रसार शिक्षा, शिवा प्रकाशन, इंदौर.  
- सामुदायिक विकास आणि विस्तार शिक्षण.  
- प्रसार शिक्षा एवं ग्रामिण विकास, एस्.एन.एफ.पब्लिकेशन, लोहमंडी, आग्रा.

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### Semester-III

### Paper-IV

### Marriage and Family Relationship (Implemented From 2018-2019 Session)

Periods of Instruction Per week.	Full Marks	: 100
Theory : 4 Periods	Theory	: 80
Practical / Sessional : 2 Periods Per Batch	Sessional	: 20

#### To enable the students to :

1. To know the Stages of Family Life Cycle with its Developmental Task.
2. To Explain the Role of Family as a Primary Institution.
3. To Aware the Values and Goals for Satisfying the Personal and Family Life
4. To Introduce to Hindu Marriage Act and Dowry Act

#### Syllabus

#### Unit-I

- 1.1 Role of Home Economics in Marriage & Family Relationship.
- 1.2 Concept and Definition of Marriage.
- 1.3 Factors for Selecting Life Partner
- 1.4 Changing Concepts of Choice of Life Partners among Young Generations.

#### Unit-II

- 2.1 Success in Marital Relationship
- 2.2 Husband and Wife Relationship
- 2.3 In Laws Relationship
- 2.4 Factors affecting on Marital Relationship.

#### Unit-III

- 3.1 Meaning and Concept of Counseling
- 3.2 Need of Marriage Counseling.
- 3.3 Marriage Counseling Process
- 3.4 Pre and Post Marriage Counseling

#### Unit-IV

- 4.1 Hindu Marriage Acts
- 4.2 Divorce and Divorce Act
- 4.3 Dowry System and Act.
- 4.4 PNDT Act

#### Unit-V

- 5.1 Types and Functions of Family
- 5.2 The Family life Cycle Tasks -The beginning Family and Child bearing family
- 5.3 Family with Pre School Children
- 5.4 Family with Teenage

#### Internal / Sessional Marks (Total Marks 20)

- |  |          |
|--|----------|
| a) Seminar Related to Course Contents (ICT Based) ..     | 10 Marks |
| b) Research Project as Given Syllabus Content (Group) .. | 10 Marks |

## Criterion I : Curricular Aspects

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### Books Recommended :

- |                                     |  |
|-------------------------------------|--|
| 1. Bogradus                         | - Sociology  |
| 2. Elizabeth Hurlock                | - Development Psychology                                       |
| 3. Landis and Landis                | - Personal Adjustment, Marriage and family living              |
| 4. Lastar D. Crow                   | - Psychology of Human Adjustment                               |
| 5. Stinnett and Walters             | - Relationship in Marriage and Family                          |
| ६. फरकाडे, त्रिवेणी आणि गोणे, सुलभा | - विवाह आणि कौटुंबिक संबंध, विद्या प्रकाशन, रुईकर रोड, नागपूर. |
| ७. शेंडे, सुनिता                    | - विवाह आणि कौटुंबिक संबंध, श्री गजानन प्रकाशन, अमरावती        |

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**Draft Syllabi of M.A.Part-II (Home Eco.)  
Semester-IV  
Paper-I  
Consumer Economics & Marketing  
(Implemented From 2018-2019 Session)**

Periods of Instruction Per Week,	Full Marks	: 100
Theory : 4 Periods	Theory	: 80
Practical/Sessional : 2 Periods Per Batch	Sessional	: 20

### Objectives :-

1. To understand Consumer Protection Tools.
2. To understand Consumer Protection Act.
3. To understand Role and Responsibilities of Consumer in the Market.
4. To aware the Students About Various Payment Methods.
5. To understand the Role of Advertisement in the Market.
6. To Understand and Awareness about the Price Structure.
7. To Understand the Various Taxes Levied on the Consumer.

### Syllabus

#### Unit-I

- 1.1 Meaning and Classification of the Market.
- 1.2 Market structure: Perfect (fair) Competition, Imperfect (unfair) Competition.
- 1.3 Channels of Distribution : Retail Shops, Wholesale marketing, Chain Shops, Online Marketing or E-marketing.
- 1.4 Departmental Stores, Super Market, Co-operative Markets.

#### Unit-II

- 2.1 Packaging and delivery, Return facility.
- 2.2 Facility for inspection and selection of warranty.
- 2.3 Use of mobile phone and internet in purchasing, Hire purchase and installment payments.
- 2.4 Methods of payment: Cash, Credit, Credit card and Debit card.

#### Unit-III

- 3.1 Meaning and objectives of advertisement.
- 3.2 Modes of advertisement.
- 3.3 Economics of advertising forms of publicity.
- 3.4 Responsibility of women as consumer. Deteriorating image of women in advertisement.

#### Unit-IV

- 4.1 Role of price, Factors affecting price.
- 4.2 Price fluctuations.
- 4.3 Facility for inspection and selection.
- 4.4 Warranty of trading in use of mobile phone and internet.

#### Unit-V

- 5.1 Meaning and importance of taxes.
- 5.2 Kinds of taxes- Income tax, Property Tax and Goods and service Tax ( GST).
- 5.3 Meaning and scope of share market.
- 5.4 Effects of Share Market on Economic Status of the Consumer.

## Criterion I : Curricular Aspects

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### Internal Assessment/Sessional (Total Marks 20)

1. Survey and Report Writing on any related Topic (Sample Size 20) - 10 Marks
2. Seminar on Related Topics - 10 Marks

### Reference Books :

1. Datt, Raddar and Sundharam K.P. - Indian Economy
2. Morgan J.N. - Consumer Economics
3. Oppenheim - The Family as Consumer
4. Philips E.B. - Consumer Economics Problems.
5. Trolstrup A.W. - Consumer Problems and Personal Finance.
6. Williams & Heamer - Consumer Economics : Principles and Problems.
7. ग्राहक पंचायतीचे त्रैमासिक - ग्राहक नवनीत
8. जोशी आणि पळणीकर - विपणन, जाहिरात व विक्रयकला
9. पेढारकर विनायक - व्यवसाय नियामक कायदे
10. सोनारीकर सुनंदा - उपभोक्त ग्राहक अर्थशास्त्र
11. झामरे जी.एन्. - स्थूल अर्थशास्त्र
12. झामरे जी.एन्. - सूक्ष्म अर्थशास्त्र
13. तायडे पुष्पा सुभाष - सूक्ष्म अर्थशास्त्र

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### Semester-IV

#### Paper-II

### Food Science and Food Service Management (Implemented From 2018-2019 Sesson)

Periods of Instruction Per week.	Full Marks	: 100
Theory : 4 Periods	Theory	: 80
Practical / Sessional : 2 Periods Per Batch	Sessional	: 20

### Objectives :

1. To Acquire Skill to Plan and Prepare Diets for Diseases...
2. To Aware the Field of Nutrition Counseling and Educating Patients.
3. To Know the Physical and Chemical Properties of Food
4. To Able the Students for Food Service Management and Develop Vision in becoming Entrepreneurs.
5. To know the Students about Medicinal Values of foods .

### Syllabus

#### Unit-I

- 1.1 Protein Cookery- Grams and Dals
- 1.2 Milk, Eggs, Meat
- 1.3 Fats and Oils
- 1.4 Vegetables and Fruits
- 1.5 Effect of Heat on and use in Cookery

#### Unit-II

- 2.1 Food Adjuncts
- 2.2 Emulsifiers
- 2.3 Anti - Oxidants
- 2.4 Chemical and Biochemical Leavening Agents
- 2.5 Microbiology of Food, Fruits, Vegetables, Milk and Water.

#### Unit-III

- 3.1 Medicinal role of Various Food to Maintain Sound Health.
- 3.2 ,Garlic, Coriander.
- 3.3 Turmeric, Jaggery
- 3.4 Fenugreek, Dates.
- 3.5 Bottle Gourd, Shalala.

#### Unit-IV

- 4.1 Food Service in School and Hospital
- 4.2 Commercial View in Food Service.
- 4.3 Formal and Informal Food Service.

## Criterion I : Curricular Aspects

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- 4.4 Indian Techniques of Food Serving.
- 4.5 Western Techniques of Food Serving

### Unit-V

- 5.1 Table Service
- 5.2 Different Systems in Food Service and Management.
- 5.3 Preservative Products- Tomato Sauce, Jam, Jelly, Squeeces.
5. Calculation of Cost Value above Given Preservative Products
- 5.5 Role of Household Enterprises in Presents Era.

### PRACTICAL

- 1.1 Pulses Cookery – Preparation, Labeling and Cost Computation, Marketing and Presentation.
- 1.2 Planning and Prepare one Dish for a Patient for Nephritis (Any Type of Khir/Soybean Dish) and Atherosclerosis (Idali / Dhokala) and Calculate its Nutritive Value.
- 1.3 Diet Survey of Pregnant Woman or Lactating Mother.

### CLASS WORK (Marks-5)

Make Sample of Advertisement/Labeling/Packaging for Food Product Marketing.

Practical – (Total Marks 20)	(Distribution of Marks)
	1.1 06
	1.2 03
	1.3 03
	Class work - 05
	Record Book - 03
	Total - 20

### Books Recommended :

1. Akhauri, M.M.P. (1990) Entrepreneurship for women in India NDESBUD, New Delhi
2. Anita F. P. (1991) Clinical Nutrition and Dietetics, Oxford University Press Bombay
3. Bamji M. Et al (1996) Text Book of Human Nutrition IB Publishing Co, New Delhi.
4. Deoskan A and Lele S ( 1 982) Dietary Guidelines for Indians A Mamal of NIN Hyderabad
5. Gangadharrao, M (1992) Entrepreneurship and Entrepreneur Development, Publishing House, Kaniskha, New Delhi
6. Gopalan C et at (1 990) Nutritive Value of Indian Foods : NIN Hyderabad
7. John U (1985) Indian Woman in Business, Indian and Foreign Review 18 (4) Dec. 1985
8. Joshi, S (1 992) Nutrition and Dietetics. Tata MacGrow Hill Publishing Co. Ltd.
9. Koteschevar, I.M. Standard (1974) Principles and Techniques in Quality Food Production. Cochran Book International.
10. Monay, S and Sharaswamy M. S. (1 987) Foods and Facts and Principles, Wiley Eastern Limited.
11. Philip, T. E. ( 1 983) Modern Cookery for Teaching and Trade Vol I and II Orient Longman Ltd.
12. Raheena Begum ( 1 996) Food, Nutrition and Dietetics, Sterling Publishers Bangalore
13. Rajalaxmi R. (1974) Applied Nutrition Oxford and IBH Publishing Co. Ltd.
14. Robinson C. H. Weighey E.S. (1996) Basic Nutrition and Diet Therapy, MacMillan Publishing Co. New York
15. Sharma R ( 1 999) Diet Management BI Churchil living stone Pvt. Ltd. New Delhi.
16. Sarawate, D (1 982) A Practical Guide Bool to Market Research
17. Text and Cases Kirloskar Press
18. Swaminathan M. S. Advanced Text Book on Food and Nutrition.
19. West B. Betal (1977) Food Service in Institution, John Wiley and Sons
20. डॉ. प्रकाश परांजपे (१९९४) - बहुगुणी वनसती, दामोदर कुळकर्णी, श्री विद्या प्रकाशन, २५०, शनिवार पेठ, पुणे ३०
२१. डॉ. प्रकाश परांजपे, स्मिता परांजपे - सौंदर्यासाठी आयुर्वेद, उपेंद्रा दामोदर कुळकर्णी, श्री विद्या प्रकाशन, २५०, शनिवार पेठ, पुणे ३०
२२. श्रीमती शांताबाई पाथरकर - वृषवल्लीच्या साम्राज्यात फेरफटका अर्थात वैद्यराजाच्या सहवासात, डॉ.सुशीला पाटील, "ज्ञानदीप", राठीनगर, अमरावती.
२३. डॉ.एस.डी. कोपरकर आयुर्वेदाचार्य - विविध आजार आणि आयुर्वेदीक औषधोपचार, प्रकाशन - अमिरुची बुक्स एजन्सी, दक्षिण कसबा, सोलापूर (महाराष्ट्र)
२४. माधव चौधरी - आहार हेव औषध वनलाल ब्रदर्स डिस्ट्रीब्युटर्स, ६०, प्रिन्सेस स्ट्रीट, मुंबई - ४०० ००२.
25. Alen Berg (1989) ; Mal nutrition what can be done ? International World Banks Publication. The Johns Hopkins University Press, Baltimore & London.
26. Shrilakshmi (2000); Dietetics, New Age International (G) Limited, Publishers Amari Road, Daryaganj, New Delhi.



## Criterion I : Curricular Aspects

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27. Family Doctor (2005); Edited by Balaji Tambe, Sakal Publication.
28. Women and Nutrition (1989); in India Edited by C. Gopalan / and Survinder Kaur; NFI. Publication N. Delhi. ;
29. Proud Fit Robinson's (1990); Normal and Therapeutic
30. Pasricha Swaraj, Dietary tips for elderly, NIN ICMR Publication Hyderabad.
31. सोहनी, कमला - आहार गाथा, आहार व आरोग्य विचार, रोहन प्रकाशन.
32. धुरु, वसुमती - मध्यम वय सावध आहार मैजेस्ट्रीक प्रकाशन.
33. Kaushik V.K. Reading in Food Nutrition & Dietitics, Book Enclave Publishers, Jaipur.
34. Thapar R.S. - Our food - Atmaram R. Sons Publication. N. Delhi.
35. Godbole Ramesh (2003) Laddha Sakhareshri, Rajhans Publications , Pune

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### Semester-IV Paper-III Extension Education & Communication (Implemented From 2018-2019 Session)

Periods of Instruction Per week.		Full Marks	: 100
Theory	: 4 Periods	Theory	: 80
Practical / Sessional	: 2 Periods Per Batch	Sessional	: 20

#### Objectives :

1. To understand the Concept & Need of Leadership.
2. To know National Programme for Welfare of Women & Child.
3. To Develop awareness regarding Population Problems.
4. To know the National Policies for Empowerment of Women.
5. To understand the Modern Media of Communication.

#### Syllabus

##### Unit-I

- 1.1 Definition & Concept of Leadership
- 1.2 Need, Importance & Characteristics of Leadership.
- 1.3 Role of Leadership in Community Development.
- 1.4 Qualities of Leadership.

##### Unit-II

- 2.1 Role, Functions & Contribution of Gram Sevika in Community Development.
- 2.2 Role, Functions & Contribution of Mahila Mandal & Youth Club towards the Extension Education
- 2.3 Meaning & Nature of NGO's
- 2.4 Role & Functions of NGO's

##### Unit-III

- 3.1 Meaning, concept & Causes of population growth
- 3.2 Need of population education
- 3.3 Consequences of population growth
- 3.4 Remedies for solving population problems.

##### Unit-IV

- 4.1 Women Empowerment - Objectives, Advantages.
- 4.2 Economic & Social Empowerment.
- 4.3 Legal & Political Empowerment.
- 4.4 National policy for Empowerment of Women.

##### Unit-V

- 5.1 Print Media- Newspapers, Magazines, & Pamphlets
- 5.2 Electronic Media-T.V., Computer based Technology
- 5.3 Outdoor Media-Exhibitions, Fairs
- 5.4 Barris of Communication

#### Internal / Sessional Marks (Total Marks 20)

1. Seminar on Related Topic --- 05 Marks
2. Visit Related to Extension Work --- 10 Marks
3. Report Writing with Soft Copy --- 05 Marks

## Criterion I : Curricular Aspects

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### Books Recommended :

- |     |  |  |
|-----|--|--|
| 1.  | बंसल, डॉ. शैल  | - प्रसार शिक्षा, शिवा प्रकाशन, श्री गणेश मार्केट, खजूरी बाजार, इंदोर.  |
| 2.  | Crow and Crow  | - 'Educational Psychology'   |
| 3.  | Chandra Arvind   | - 'Introduction to Home-Science'                                       |
| 4.  | Chandra Arvind   | - 'Fundamentals of Home-Science'                                       |
| 5.  | Devdas, R.P.   | - 'Methods of Teaching Home-Science'                                   |
| 6.  | Dharma, O. P. Bhatnagar, O.P.  | - Education and Communication for Development                          |
| 7.  | दुबे, विरेन्द्रकुमार आणि सुखविंदर सिंह   | - भारत में प्रसार शिक्षा, हरियाणा साहित्य अकादमी, चंदीगढ़.             |
| 8.  | फरकाडे, त्रिवेणी, गोमे, सुलभा  | - गृहविज्ञान विस्तार   |
| 9.  | Govt of India  | - 'Community Development'  |
| 10. | Govt of India  | - 'Science and Technology of India'                                    |
| 11. | जाधव, रं.रा.   | - कृषी विस्तार शिक्षण पद्धती.  |
| 12. | पाटनी आणि ठाकूर यु.एस.   | - गृहविज्ञान प्रसार शिक्षा, शिवा प्रकाशन, इंदोर.                       |
| 13. | विजारे, बा.बा.   | - सामुदायिक विकास आणि विस्तार शिक्षण.                                  |
| 14. | सिंह, जयपाल  | - प्रसार शिक्षा एवं ग्रामिण विकास, एस.एन.एफ.पब्लिकेशन, लोहमंडी, आग्रा. |
| 15. | Waghmare ,S.K. Vallabh Vidyana 'Teaching Extension Education' Anand Gujrathi, 1980 |  |

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**Semester-IV**  
**Paper-IV**  
**Marriage and Family Relation**  
**(Implemented From 2018-2019 Session)**

Periods of Instruction Per week.	Full Marks	: 100
Theory : 4 Periods	Theory	: 80
Practical / Sessional : 2 Periods Per Batch	Sessional	: 20

### To enable the students to :

1. To Introduce the Family life Cycle with its Task.
2. To Acquaint the Concept of Mental Hygiene
3. To Identify the Problems in Women Categories
4. To Study and Explore the Measures for Problem's Remedies

### Syllabus

#### Unit-I

- 1.1 Early Adulthood- Characteristics, Developmental Task.
- 1.2 Physical Changes in Adulthood.
- 1.3 Hazards in Early Adulthood
- 1.4 Vocational and Marital Adjustment During Early Adulthood.

#### Unit-II

- 2.1 The Family in the Middle Age - Characteristics, Developmental Task.
- 2.2 Personal and Social Hazards the Middle Age .
- 2.3 Vocational and Family Adjustment.
- 2.4 Old Age - Concept & Characteristics and Developmental Tasks .

#### Unit-III

- 3.1 Concept and Objectives of Mental Hygiene
- 3.2 Significance of Mental Hygiene
- 3.3 The Problem and Causes of Mental Ill Health,
- 3.4 Prevention of Mental Ill Health during the Childhood Stage.

#### Unit-IV

- 4.1 Problems of Working Women .
- 4.2 Problems of Unmarried Women.
- 4.3 Problems of Remarriage Women.
- 4.4 Problems of old Age Women.

## Criterion I : Curricular Aspects

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Unit-V

- 5.1 Disputes between Husband and Wife in Modern Time
- 5.2 Reasons and Remedial Measures for Solving Family Disputes
- 5.3 Roll of Agencies to resolve Family Disputes.
- 5.4 DVA (Domestic Violence Act)

### Internal / Sessional Marks (Total 20 Marks)

- a) Seminar on Relevant Contents ( ICT Base) --- 10 Marks
- b) Case Studies or Survey of Current Issues in --- 10 Marks  
Family Relationship

### Books Recommended :

1. Bogradus - Sociology
2. Elizabeth Hurlock - Development Psychology
3. Landis and Landis - Personal Adjustment, Marriage and family living
4. Lastar D. Crow - Psychology of Human Adjustment
5. Stinnett and Walters - Relationship in Marriage and Family
६. फरकाडे, त्रिवेणी आणि गोमे, सुलभा - विवाह आणि कौटुंबिक संबंध, विद्या प्रकाशन, रुईकर रोड, नागपूर.
७. शेंडे, सुनिता - विवाह आणि कौटुंबिक संबंध, श्री गजानन प्रकाशन, अमरावती.

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## Criterion I : Curricular Aspects

### Environmental Studies

(All B.A., B.Com., B.Sc. (Home Sci.), B.C.A., B.B.A. IV<sup>th</sup> Semester)

### Environmental Studies Syllabus

#### INDEX

Sr. No.	Subject	Page No.
1.	Special Note for information	1 - 2
2.	Pattern of Question Paper	2
3.	Ordinance No. 147	3 - 14
4.	Ordinance No.42 of 2005	15-19
5.	Teaching Periods	20
6.	Regulation No. 41 of 2003	21-23
7.	Direction No. 17 of 2011	24-25
	<b>D) LANGUAGES</b>	
8.	English (Compulsory)	26-27
	<b>Any one of the languages :</b>	
9.	Marathi (Compulsory)	27-28
10.	Hindi (Compulsory)	28-29
11.	Sanskrit (Compulsory)	29-30
12.	Urdu (Compulsory)	31
13.	Pali & Prakrit	32-33
14.	English (Supplementary)	33-34
	<b>II) Commerce Discipline</b>	
15.	Corporate Accounting	35-36
16.	Business Mathematics and Statistics	36-38
17.	Income Tax and Auditing	38-40
18.	Money and Financial System	40-41
19.	Information Technology and Business Data Processing	41-43
20.	Environmental Studies	43-47



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9. Information Technology & Business Data Processing : Prof.Uday Shrikrushna Kale Shree Sainath Prakashan, Nagpur.

### Practical Based on Syllabus :

1. MS-Excel 2003/2007/Higher
2. Tally 9.0/Higher.

**Notes: B.Com.II Practical Batch will be of 20 students.**

### SCHEME

Year	Paper	Total Marks		Min. Passing Marks	
		T	P	T	P
B.COM.II	Information Technology and Business Data Processing.	60	*40	21	14

### \*Division of Marks for Practical

Record preparation	10 Marks
Practical	15 Marks
Discription	10 Marks
Viva	<u>05 Marks</u>
TOTAL ..	40 Marks

**(Use Answer Book for practical provided by the University)**

### SYLLABUS FOR ENVIRONMENTAL STUDIES AT BACHELOR DEGREE LEVEL

**Total Marks : 100**

### PART-A

### SHORT ANSWER PATTERN

**25 Marks**

#### 1. The Multidisciplinary nature of environmental studies

- . Definition, scope and importance.
- . Need for public awareness. (2 lecture hours)

#### 2. Social Issues and the Environment

- . From Unsustainable to Sustainable development
- . Urban problems related to energy
- . Water conservation, rain water harvesting, watershed management
- . Resettlement and rehabilitation of people; its problems and concerns.

## Criterion I : Curricular Aspects

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Case studies.

- . Environmental ethics : Issues and possible solutions.
- . Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies.
- . Wasteland reclamation.
- . Consumerism and waste products.
- . Environment Protection Act.
- . Air (Prevention and Control of Pollution) Act.
- . Water (Prevention and Control of Pollution) Act.
- . Wildlife Protection Act.
- . Forest Conservation Act.
- . Issues involved in enforcement of environmental legislation.
- . Public awareness. (7 lecture hours)

### 3. Human Population and the Environment

- . Population growth, variation among nations.
- . Population explosion - Family Welfare Programme.
- . Environment and human health.
- . Human Rights.
- . Value Education.
- . HIV / AIDS.
- . Women and Child Welfare.
- . Role of Information Technology in Environment and human health.
- . Case Studies. (6 lecture hours)

### PART-B

ESSAY TYPE WITHIN BUILT CHOICE 50 Marks

#### 4. Natural resources :

- . **Renewable and non-renewable resources :**
  - . Natural resources and associated problems.
    - Forest resources : Use and over exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forests and tribal people.
    - Water resources : Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.
    - Mineral resources : Use and exploitation, environmental effects of extracting and using mineral resources, case studies.
    - Food resources : World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer - pesticide problems, water logging, salinity, case studies.
    - Energy resources : Growing energy needs, renewable and

## Criterion I : Curricular Aspects

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non renewable energy sources, use of alternate energy sources, Case studies.

- Land resources : Land as a resource, land degradation, man induced landslides, soil erosion and desertification.
- . Role of an individual in conservation of natural resources.
- . Equitable use of resources for sustainable lifestyles. (8 lecture hours)

### 5. Ecosystems

- . Concept of an ecosystem.
- . Structure and function of an ecosystem.
- . Producers, consumers and decomposers.
- . Energy flow in the ecosystem.
- . Ecological succession.
- . Food chains, food webs and ecological pyramids.
- . Introduction, types, characteristic features, structure and function of the following ecosystem :-
  - Forest ecosystem
  - Grassland ecosystem
  - Desert ecosystem
  - Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries) (6 lecture hours)

### 6. Biodiversity and its conservation

- . Introduction - Definition : genetic, species and ecosystem diversity.
- . Biogeographical classification of India.
- . Value of biodiversity : consumptive use, productive use, social, ethical, aesthetic and option values.
- . Biodiversity at global, National and local levels.
- . India as a mega-diversity nation.
- . Hot-spots of biodiversity.
- . Threats to biodiversity : habitat loss, poaching of wildlife, man-wildlife conflicts.
- . Endangered and endemic species of India.
- . Conservation of biodiversity : In-situ and Ex-situ conservation of biodiversity. (8 lecture hours)

### 7. Environmental Pollution

- . Definition
  - . Causes, effects and control measures of :-
    - Air pollution
    - Water pollution
    - Soil pollution
    - Marine pollution
    - Noise pollution
    - Thermal pollution



## Criterion I : Curricular Aspects

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- Nuclear hazards
- . Solid Waste Management : Causes, effects and control measures of
- . Role of an individual in prevention of pollution.
- . Pollution case studies.
- . Diaster management : floods, earthquake, cyclone and landslides.  
(8 lecture hours)

### Part-C

### ESSAY ON FIELD WORK

25 Marks

#### 8. Field work

- . Visit to a local area to document environmental assets - river / forest / grass land / hill / mountain
- . Visit to a local polluted site - Urban / Rural / Industrial / Agricultural
- . Study of common plants, insects, birds.
- . Study of simple ecosystems - pond, river, hill slopes, etc.  
(5 lecture hours)

- (Notes : i) Contents of the syllabys mentioned under paras 1 to 8 shall be for teaching for the examination based on Annual Pattern.
- ii) Contents of the syllabys mentioned under paras 1 to 4 shall be for teaching to the Semester commencing first, and
- iii) Contents of the syllabys mentioned under paras 5 to 8 shall be for teaching to the Semester commencing later.

#### LIST OF REFERENCES :-

- 1) Agarwal, K.C., 2001, Environmental Biology, Nidi Publ. Ltd., Bikaner.
- 2) Bharucha Erach, The Biodiversity of India, Mapin Publishing Pvt. Ltd., Ahmedabad - 380 013, India, Email : [mapin@icenet.net](mailto:mapin@icenet.net)  
(R)
- 3) Brunner R.C., 1989, Hazardous Waste Incineration, McGraw Hill Inc. 480p.
- 4) Clark R.S., Marine Pollution, Clanderson Press Oxford (TB)
- 5) Cunningham, W.P.Cooper, T.H.Gorhani, E & Hepworth, M.T., 2001, Environmental Encyclopedia, Jaico Publ. House, Mumbai, 1196p.
- 6) De A.K., Environmental Chemistry, Wiley Eastern Ltd.
- 7) Down to Earth, Centre for Science and Environment (R)



## Criterion I : Curricular Aspects

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- 8) Gleick, H.P. 1993, Water in Crisis, Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press. 473p.
- 9) Hawkins R.E., Encyclopedia of Indian Natural History, Bombay Natural History Society, Mumbai **(R)**
- 10) Heywood, V.H. & Watson, R.T. 1995, Global Biodiversity Assessment, Cambridge Univ. Press 1140p
- 11) Jadhav, H & Bhosale, V.M. 1995, Environmental Protection and Laws, Himalaya Pub. House, Delhi. 284 p.
- 12) Mckinney, M.L. & Schoch, R.M. 1996, Environmental Science Systems & Solutions, Web Enhanced Edition. 639 p.
- 13) Mhaskar A.K., Matter Hazardous, Techno-Science Publications **(TB)**
- 14) Miller T.G.. Jr., Environmental Science, Wadsworth Publishing Co. **(TB)**
- 15) Odum, E.P., 1971, Fundamentals of Ecology, W.B.Saunders Co., U.S.A., 574p.
- 16) Rao M.N. & Datta A.K., 1987, Waste Water Treatment, Oxford & IBH Publ. Co. Pvt. Ltd. 345 p.
- 17) Sharma B.K., 2001, Environmental Chemistry, Goel Publ. House, Meerut.
- 18) Survey of the Environment, The Hindu **(M)**
- 19) Townsend C., Harper J., and Michael Begon, Essentials of Ecology, Blackwell Science **(TB)**
- 20) Trivedi R.K., Handbook of Environmental Laws, Rules, Guidelines, Compliances and Standards, Vol. I and II, Enviro Media **(R)**
- 21) Trivedi R.K. and P.K. Goel, Introduction to Air Pollution, Techno-Science Publications **(TB)**
- 22) Wagner K.D., 1998, Environmental Management, W.B.Saunders Co., Philadelphia, USA 499p.
- 23) Dr.Deshpande A.P., Dr. Chudiwale A.D., Dr.Joshi P.P. & Dr. Lad A.B.: Environmental Studies -Pimpalpure & Co. Publishers, Nagpur.
- 24) डॉ.विठ्ठल धारपूरे : पर्यावरणशास्त्र - पिंपळापुरे अॅन्ड कंपनी पब्लीशर्स, नागपूर.
- 25) Environmental Studies : R. Rajagopalan, Oxford University Press, New Delhi- 2005
- 26) Dr.N.W.Ingole, D.M.Dharmadhikari, Dr.S.S.Patil : Environmental Chemistry and pollution control- Das Ganu Prakashan, Nagpur.  
**(M) Magazine**  
**(R) Reference**  
**(TB) Textbook**

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**Criterion I : Curricular Aspects**

B.Com.Part-II  
Examination 2015

Prospectus No.2015152

**संत गाडगे बाबा अमरावती विद्यापीठ**  
**SANT GADGE BABA AMRAVATI UNIVERSITY**

**वाणिज्य विद्याशाखा**  
**(FACULTY OF COMMERCE)**

**अभ्यासक्रमिका**  
**वाणिज्य स्नातक भाग-२, परीक्षा २०१५**  
**(त्रिवर्षीय अभ्यासक्रम)**

**PROSPECTUS**  
of  
The B.Com. Part-II Examination 2015  
(Three Year Degree Course)



2014  
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## Criterion I : Curricular Aspects

Prospectus No. 2015152  
B.Com. Part-II

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9. Information Technology & Business Data Processing : Prof.Uday Shrikrushna Kale Shree Sainath Prakashan, Nagpur.

### Practical Based on Syllabus :

1. MS-Excel 2003/2007/Higher
2. Tally 9.0/Higher.

**Notes: B.Com.II Practical Batch will be of 20 students.**

### SCHEME

Year	Paper	Total Marks		Min. Passing Marks	
		T	P	T	P
B.COM.II	Information Technology and Business Data Processing.	60	*40	21	14

### \*Division of Marks for Practical

Record preparation	10 Marks
Practical	15 Marks
Discription	10 Marks
Viva	<u>05 Marks</u>
TOTAL ..	40 Marks

(Use Answer Book for practical provided by the University)

### SYLLABUS FOR ENVIRONMENTAL STUDIES AT BACHELOR DEGREE LEVEL

Total Marks : 100

### PART-A

### SHORT ANSWER PATTERN

25 Marks

#### 1. The Multidisciplinary nature of environmental studies

- . Definition, scope and importance.
- . Need for public awareness. (2 lecture hours)

#### 2. Social Issues and the Environment

- . From Unsustainable to Sustainable development
- . Urban problems related to energy
- . Water conservation, rain water harvesting, watershed management
- . Resettlement and rehabilitation of people; its problems and concerns.



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Case studies.

- . Environmental ethics : Issues and possible solutions.
- . Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies.
- . Wasteland reclamation.
- . Consumerism and waste products.
- . Environment Protection Act.
- . Air (Prevention and Control of Pollution) Act.
- . Water (Prevention and Control of Pollution) Act.
- . Wildlife Protection Act.
- . Forest Conservation Act.
- . Issues involved in enforcement of environmental legislation.
- . Public awareness. (7 lecture hours)

### 3. Human Population and the Environment

- . Population growth, variation among nations.
- . Population explosion - Family Welfare Programme.
- . Environment and human health.
- . Human Rights.
- . Value Education.
- . HIV / AIDS.
- . Women and Child Welfare.
- . Role of Information Technology in Environment and human health.
- . Case Studies. (6 lecture hours)

### PART-B

**ESSAY TYPE WITHIN BUILT CHOICE 50 Marks**

#### 4. Natural resources :

##### Renewable and non-renewable resources :

- . Natural resources and associated problems.
  - Forest resources : Use and over exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forests and tribal people.
  - Water resources : Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.
  - Mineral resources : Use and exploitation, environmental effects of extracting and using mineral resources, case studies.
  - Food resources : World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer - pesticide problems, water logging, salinity, case studies.
  - Energy resources : Growing energy needs, renewable and

## Criterion I : Curricular Aspects

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non renewable energy sources, use of alternate energy sources, Case studies.

- Land resources : Land as a resource, land degradation, man induced landslides, soil erosion and desertification.
- . Role of an individual in conservation of natural resources.
- . Equitable use of resources for sustainable lifestyles. (8 lecture hours)

### 5. Ecosystems

- . Concept of an ecosystem.
- . Structure and function of an ecosystem.
- . Producers, consumers and decomposers.
- . Energy flow in the ecosystem.
- . Ecological succession.
- . Food chains, food webs and ecological pyramids.
- . Introduction, types, characteristic features, structure and function of the following ecosystem :-
  - Forest ecosystem
  - Grassland ecosystem
  - Desert ecosystem
  - Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries) (6 lecture hours)

### 6. Biodiversity and its conservation

- . Introduction - Definition : genetic, species and ecosystem diversity.
- . Biogeographical classification of India.
- . Value of biodiversity : consumptive use, productive use, social, ethical, aesthetic and option values.
- . Biodiversity at global, National and local levels.
- . India as a mega-diversity nation.
- . Hot-spots of biodiversity.
- . Threats to biodiversity : habitat loss, poaching of wildlife, man-wildlife conflicts.
- . Endangered and endemic species of India.
- . Conservation of biodiversity : In-situ and Ex-situ conservation of biodiversity. (8 lecture hours)

### 7. Environmental Pollution

- . Definition
  - . Causes, effects and control measures of :-
    - Air pollution
    - Water pollution
    - Soil pollution
    - Marine pollution
    - Noise pollution
    - Thermal pollution

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- Nuclear hazards
- . Solid Waste Management : Causes, effects and control measures of
- . Role of an individual in prevention of pollution.
- . Pollution case studies.
- . Diaster management : floods, earthquake, cyclone and landslides.  
(8 lecture hours)

### **PART-C ESSAY ON FIELD WORK**

**25 Marks**

#### **8. Field work**

- . Visit to a local area to document environmental assets - river / forest / grass land / hill / mountain
- . Visit to a local polluted site - Urban / Rural / Industrial / Agricultural
- . Study of common plants, insects, birds.
- . Study of simple ecosystems - pond, river, hill slopes, etc.  
(5 lecture hours)

- (Notes :**
- i) Contents of the syllabys mentioned under paras 1 to 8 shall be for teaching for the examination based on Annual Pattern.
  - ii) Contents of the syllabys mentioned under paras 1 to 4 shall be for teaching to the Semester commencing first, and
  - iii) Contents of the syllabys mentioned under paras 5 to 8 shall be for teaching to the Semester commencing later.

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- 2) Bharucha Erach, The Biodiversity of India, Mapin Publishing Pvt. Ltd., Ahmedabad - 380 013, India, Email : [mapin@icenet.net](mailto:mapin@icenet.net)  
**(R)**
- 3) Brunner R.C., 1989, Hazardous Waste Incineration, McGraw Hill Inc. 480p.
- 4) Clark R.S., Marine Pollution, Clanderson Press Oxford **(TB)**
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- 25) Environmental Studies : R. Rajagopalan, Oxford University Press, New Delhi- 2005
- 26) Dr.N.W.Ingole, D.M.Dharmadhikari, Dr.S.S.Patil : Environmental Chemistry and pollution control- Das Ganu Prakashan, Nagpur.  
**(M) Magazine**  
**(R) Reference**  
**(TB) Textbook**

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