

Sant Gadge Baba Amravati University, Amravati

Curriculum / Syllabus

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

विभाग ब

विभाग क

i) अहिरभैरव

i) शुद्धसारंग

i) देशकार

ii) बैरागी भैरव

ii) मधमाद सारंग

ii) चारुकेशी

iii) नटभैरव

iii) गौडसारंग

iii) झिंझोटी

iv) गुणक्री

iv) मियाँ का सारंग

iv) खंबावती

v) बिभास (भैरव थाट)

v) सामंत सारंग

v) बसंत मुखारी

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)

क्रियात्मक अंतर्गत अ) प्रात्यक्षिक वही तयार करणे (सादरीकरणाप्रमाणे)

- 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 छोटाख्याल गायकीसह

प्रस्तुति करणे.

(४० गुण)

१) अ) परीक्षकांनी सुचविलेल्या तीन रागांपैकी एका रागात छोटाख्याल 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

एकूण २० गुण

एम.ए.सेमिस्टर-१

गायन / स्वरवाद्य पाठ्यक्रम

प्रश्नपत्र -३

शास्त्रीय संगीताचे क्रियात्मक सिध्दांत

वेळ ३ तास

पूर्णांक — १००

बाह्य मूल्यांकन — ८०

अंतर्गत मूल्यांकन - २०

घटक-१ अ) पाठ्यक्रमातील रागांचे शास्त्रीय विवेचन आलाप तानांसहीत.

१६ गुण

ब) पाठ्यक्रमातील गीतप्रकार लिपीबद्ध करणे

घटक-२ रागांग वर्गीकरणाचे अध्ययन आणि भैरव व सारंग रागांगाचे विश्लेषण

१६ गुण

घटक-३ अ) स्वरप्रस्तार, खंडमेरु, नष्टोद्दीष्ट चे अध्ययन

ब) तान रचना व तिहाईचा सिध्दांत

१६ गुण

घटक-४ अ) भारतीय संगीतासाठी कंठसंस्कार विधी

ब) स्वरोत्पादक यंत्र व कर्णेंद्रिय 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 काळापासून ११ वी शताब्दी पर्यंत)

वेळ ३ तास

पूर्णांक — १००

बाह्य मूल्यांकन — ८०

अंतर्गत मूल्यांकन २०

घटक-१ अ) संगीताच्या उत्पत्तीबाबत विविध तज्ञांच्या मतांचे अध्ययन या संदर्भात भारतीय व पाश्चात्य मतांचा परिचय

ब) वैदिक आणि शिक्षा ग्रंथ, पौराणिक ग्रंथ, रामायण, महाभारत, मौर्य व गुप्त कालीन संगीताचा परिचय १६ गुण

घटक-२ अ) दत्तिलम, नाट्यशास्त्र बृहद्देशी आणि भरतभाष्यम् या ग्रंथांचा सामान्य परिचय.

ब) चित्रा, विपंची, मत्तकोकीला, त्रिपुष्कर, मृदंग, पणव, दर्दुर, जयघंटा, कास्यताल या वाद्यांचा सामान्य परिचय. १६ गुण

घटक-३ गांधर्वगान, मार्ग-देशीसंगीत, ग्राम, मुर्च्छना, चतुःसारणा व ग्रामराग आदि दशविध राग वर्गीकरणाचे अध्ययन १६ गुण

घटक-४ अ) मार्गताल व देशीताल पद्धतीचे 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.
- ७) 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 इलाहबाद
- 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 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 बंदिशींची 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 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 फौंडेशन, लखनौ.
- ३८) संगीत विज्ञान एवं गणित,तेजसिंह पाट, बेकश आलमी फौंडेशन, लखनौ.
- ३९) संगीत विशारद, बसंत संगीत कार्यालय, हाथरस उ.प्र.
- ४०) संगीत मेनूअल डॉ.मृत्यूनजय शर्मा, एच.जी.प्रकाशन, दिल्ली.
- ४१) स्वराथरामणी, गानसरस्वती किशोरी आमोणकर, राजहंस प्रकाशन, पुणे.
- ४२) निबंध संगीत, लक्ष्मी नारायण गर्ग, संगीत कार्यालय, हाथरस

एम.ए.सेमिस्टर-२

प्रायोगिक - मौखिक (Viva)

प्रश्नपत्र - ५

(संगीताचे क्रियात्मक शास्त्र आणि सांगीतिक रचना)

वेळ — १ तास

पूर्णांक — १००

बाह्य मूल्यांकन — ८०

अंतर्गत मूल्यांकन- २०

१)रागज्ञान

अ) पाठ्यक्रमातील राग

विभाग अ

विभाग ब

विभाग क

i) शुद्धकल्याण

i) पटदीप

i) छायानट

ii) पुरियाकल्याण

ii) मधुवंती

ii) जोग

iii) श्यामकल्याण

iii) गावती

iii) मधुकंस

iv) गोरखकल्याण

iv) मुलतानी

iv) हिंडोल

v) आनंदी कल्याण (नंद)

v) धनाश्री

v) बिहागडा

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 त्रिवट व एक तराना (विस्तृत गायकीसह)

क्रियात्मक अंतर्गत अ) प्रात्यक्षिक वही तयार करणे (सादरीकरणाप्रमाणे)

- ०५ गुण

ब) घटक / वार्षिक चाचणी परीक्षा

- ०५ गुण

क) वरील अभ्यासक्रमावर आधारित घेतलेला प्रकल्प व त्याचे सादरीकरण

- १० गुण

एकूण २० गुण

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SANT GADGE BABAAMRAVATI 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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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.

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

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

- Nuclear hazards
 - . Solid Waste Management : Causes, effects and control measures of
 - . Role of an individual in prevention of pollution.
 - . Pollution case studies.
 - . Disaster 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 **(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, Certre for Science and Environment **(R)**

- 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 घारपुरे : पर्यावरणशास्त्र - पिंपळापुणे अँड कंपनी पब्लिशर्स, 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

संत गाडगे बाबा अमरावती विद्यापीठ

क्र.संगाबाअवि-३/सपमुमं/१६६/२०२१
दिनांक : १२ जुन २०२१

प्रति,

प्राचार्य / केंद्राधिकारी,
विद्यापीठाशी संलग्नित सर्व महाविद्यालये/
संत गाडगे बाबा अमरावती विद्यापीठ.

विषय : Environmental Studies या विषयाच्या परीक्षेच्या वेळापत्रकाबाबत.
उन्हाळी - २०२० व हिवाळी २०२० परीक्षा.

महोदय / महोदया,

उपरोक्त विषयाचे अनुषंगाने आपणांस कळविण्यात येते की, संबंधीत परीक्षांचे अध्यादेशातील तरतुदीनुसार ज्या परीक्षांना Environmental Studies या विषयाची परीक्षा देणे आवश्यक आहे अशा परीक्षेस पात्र असलेल्या व परीक्षा आवेदनपत्र भरलेल्या उन्हाळी २०२० मध्ये प्रवेशित होणाऱ्या नियमित, माजी व वहीःशाल वर्गवारीतील विद्यार्थ्यांची तसेच हिवाळी २०२० च्या माजी विद्यार्थ्यांची लेखी परीक्षा विद्यापीठाने पुरविलेल्या प्रश्नपत्रिकेनुसार महाविद्यालयाच्या स्तरावर खाली नमूद तारीख, दिवस व वेळेमध्ये होईल.

वेळापत्रक

विषय	परीक्षा दिनांक	वेळ
Environmental Studies	बुधवार दिनांक ३० जुन २०२१	सकाळी १०.०० ते ११.००

कृपया उपरोक्त परीक्षेच्या सर्व संबंधीत विद्यार्थ्यांना Environmental Studies या आवश्यक विषयाच्या प्रश्नपत्रिकेच्या वेळापत्रकाची माहिती देण्यात यावी, ही विनंती.

परीक्षा संचालनानंतरची पुढील कार्यवाही अध्यादेश क्रमांक ४२/२००५ मधील तरतुदीनुसार महाविद्यालयाने करावी.

आपला,



(डॉ. हेमंत आर. देशमुख)

संचालक, परीक्षा व मूल्यमापन मंडळ,
संत गाडगे बाबा अमरावती विद्यापीठ.

प्रतिलिपी : माहिती व आवश्यक कार्यवाहीस्तव.

१. मुख्य अधिकारी, केंद्रीय मूल्यांकन कार्यक्रम केंद्र
२. प्रमुख, संगणक केंद्र, — उपरोक्त वेळापत्रक विद्यापीठ संकेत स्थळावर प्रसिद्ध करण्याचे कार्यवाहीस्तव
३. सहा.कुलसचिव (सारणी)
४. सहा.कुलसचिव (गोपनीय/परीक्षा /प-चौ)
५. जनसंपर्क अधिकारी, उपरोक्त वेळापत्रक माहिती प्रसार माध्यमाद्वारे प्रसिद्ध करण्याचे दृष्टीने आपणाकडे पाठविण्यात येत आहे.
६. प्रभारी, शैक्षणिक विभागाचे प्रशासकीय केंद्र.

प्रतिलिपी : माहितीस्तव अग्रेषित.

सन्माननीय सदस्य, व्यवस्थापन परिषद / परीक्षा व मूल्यमापन मंडळ.
मा. कुलगुरु, संत गाडगे बाबा अमरावती विद्यापीठ.

M.Sc. (Home Science) FSN

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

संत गाडगे बाबा अमरावती विद्यापीठ
SANT GADGE BABA AMRAVATI UNIVERSITY

गृहविज्ञान विद्याशाखा
(FACULTY OF HOME SCIENCE)

PROSPECTUS
OF
M.Sc. (Home Science) (Food Science and Nutrition)
EXAMINATIONS
SEMESTER-I & III, WINTER-2014
SEMESTER-II & IV, SUMMER-2015



2014

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I N D E X
M.Sc. (Home Science) (Food Science and Nutrition)
(Semester-I to IV)
(Prospectus No.2015199)

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1
SANT GADGE BABA AMRAVATI UNIVERSITY
SPECIAL NOTE FOR INFORMATION OF THE STUDENTS

(1) Notwithstanding anything to the contrary, it is notified for general information and guidance of all concerned that a person, who has passed the qualifying examination and is eligible for admission only to the corresponding next higher examination as an ex-student or an external candidate, shall be examined in accordance with the syllabus of such next higher examination in force at the time of such examination in such subjects, papers or combination of papers in which students from University Departments or Colleges are to be examined by the University.

(2) Be it known to all the students desirous to take examination/s for which this prospectus has been prescribed should, if found necessary for any other information regarding examinations etc. refer the University Ordinance Booklet the various conditions/provisions pertaining to examinations as prescribed in the following Ordinances-

Ordinance No. 1	:	Enrolment of Students.
Ordinance No.2	:	Admission of Students
Ordinance No. 4	:	National Cadet Corps
Ordinance No. 6	:	Examination in General (relevant extracts)
Ordinance No. 18/2001	:	An Ordinance to provide grace marks for passing in a Head of passing and Improvement of Division (Higher Class) and getting Distinction in the subject and condonation of deficiency of marks in a subject in all the faculties prescribed by the Statute NO.18, Ordinance 2001.
Ordinance No.9	:	Conduct of Examinations (Relevant extracts)
Ordinance No.10	:	Providing for Exemptions and Compartments
Ordinance No. 19	:	Admission of Candidates to Degrees

Ordinance No.109	:	2 Recording of a change of name of a University Student in the records of the University
Ordinance No. 6/2008	:	For improvement of Division/Grade.
Ordinance No.19/2001	:	An Ordinance for Central Assessment Programme, Scheme of Evaluation and Moderation of answerbooks and preparation of results of the examinations, conducted by the University, Ordinance 2001.

Dineshkumar Joshi
 Registrar
 Sant Gadge Baba Amravati University

Reference :-

- (1) ICMR (1990) : Nutritional Requirement and Recommended Dietary Allowances for Indians, NIN, Hyderabad.
- (2) Mehtab Banji et al (1996) : Human Nutrition.
- (3) Mohan L. K. and Escott Stump, S. (2000), Krans's Food Nutrition and Diet Therapy, W.B. Saunders Ltd.
- (4) Present Knowledge in Nutrition. ILSI Press 2001.
- (5) Thompson L. U. (1993) Potential Health Benefits and Problems associated with antinutrients in foods. Food Research International. 26 : 134-149.
- (6) Whitney E.R. and S.R.Rolfes (2002), Understanding Nutrition, 9th Ed., Wadsworth Thomson Learning, Australia.
- (7) Wardlaw G.M. and Insel P.M. Perspectives in Nutrition, Third Edition, Mosby 1996.
- (8) Kuhn L.C. (1998) : Iron and Gene Expression : Molecular Mechanism Regulating Cellular Iron Homeostasis, Nutr. Rev. 56(2) 511-517.
- (9) Salati L.M. and Amir-Ahmady B. (2001) : Dietary Regulation of Expression of Glucose 6 Phosphate Dehydrogenase, Annual Rev. Nutr. 121-140.
- (10) Update Series : Nutrition in Disease Management, Centre for Research on Nutrition Support Systems, Nutrition Foundation of India, New Delhi.
- (11) Kamala Krushna (2001), Nutrition Research – current Scenario and Future Trends. Oxford & IBH Publishing Co. Pvt.Ltd., New Delhi.
- (12) 52 Simpleways to Prevent, Control and Turn Off Cancer, by Man Mohan Sharma; S.Chand & Co.Ltd. New Delhi.

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

References :

- 1) Arvindra Chandra and T.P. Saxena, 1979. Style manual for writing Thesis, Dissertation and papers in Social Sciences, New Delhi, Metropolitan Book Co. Pvt. Ltd.,
- 2) Ingle, P.O. 2002. Scientific and Technical Report writing, Nagpur, Sarala Ingle.
- 3) Kothari, C.R. 1996. Research Methodology - Methods and Techniques, New Delhi. Vishwa Prakashan.
- 4) Best John W. and Kahn James V., 1989. Research in Education, New Delhi. Prentice Hall of India Private Limited.

- 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

M.Sc. (Home Science) HD

M.Sc. (Home Science) Prospectus No. 2016196
Semester-I & III - Winter-2015
Semester-II & IV - Summer-2016

संत गाडगे बाबा अमरावती विद्यापीठ
SANT GADGE BABA AMRAVATI UNIVERSITY

गृहविज्ञान विद्याशाखा
(FACULTY OF HOME SCIENCE)

PROSPECTUS
OF
M.Sc. (Home Science) (Human Development)
EXAMINATIONS
SEMESTER-I & III, WINTER-2015
SEMESTER-II & IV, SUMMER-2016



2015

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I N D E X
M.Sc. (Home Science) (Human Development)
(Semester-I to IV)
(Prospectus No.2016196)

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1

SANT GADGE BABA AMRAVATI UNIVERSITY
SPECIAL NOTE FOR INFORMATION OF THE STUDENTS

(1) Notwithstanding anything to the contrary, it is notified for general information and guidance of all concerned that a person, who has passed the qualifying examination and is eligible for admission only to the corresponding next higher examination as an ex-student or an external candidate, shall be examined in accordance with the syllabus of such next higher examination in force at the time of such examination in such subjects, papers or combination of papers in which students from University Departments or Colleges are to be examined by the University.

(2) Be it known to all the students desirous to take examination/s for which this prospectus has been prescribed should, if found necessary for any other information regarding examinations etc. refer the University Ordinance Booklet the various conditions/provisions pertaining to examinations as prescribed in the following Ordinances-

Ordinance No. 1	:	Enrolment of Students.
Ordinance No.2	:	Admission of Students
Ordinance No. 4	:	National Cadet Corps
Ordinance No. 6	:	Examination in General (relevant extracts)
Ordinance No. 18/2001:		An Ordinance to provide grace marks for passing in a Head of passing and Improvement of Division (Higher Class) and getting Distinction in the subject and condonation of deficiency of marks in a subject in all the faculties prescribed by the Statute NO.18, Ordinance 2001.
Ordinance No.9	:	Conduct of Examinations (Relevant extracts)
Ordinance No.10	:	Providing for Exemptions and Compartments
Ordinance No. 19	:	Admission of Candidates to Degrees

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Ordinance No.109	:	Recording of a change of name of a University Student in the records of the University
Ordinance No. 6/2008	:	For improvement of Division/Grade.
Ordinance No.19/2001	:	An Ordinance for Central Assessment Programme, Scheme of Evaluation and Moderation of answerbooks and preparation of results of the examinations, conducted by the University, Ordinance 2001.

Registrar
Sant Gadge Baba Amravati University

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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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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

