

## महाविद्यालयात उपलब्ध अभ्यासक्रम

### पदवी स्तर:

#### बी.ए.:

#### Eligibility:

1. HSC with Science/ Art/ Commerce Subjects or (10 + 2) or
2. Diploma in Education or
3. (10+ 3) Diploma of Polytechnic or
4. HSC (Vocational-MCVC) in any trade.

(महाविद्यालयात उपलब्ध विषयापैकी नवीन राष्ट्रीय शैक्षणिक धोरण-2020 व विद्यापीठ अभ्यासक्रमानुसार विषय निवडता येईल.)

#### उपलब्ध विषय:

- |                     |               |                   |
|---------------------|---------------|-------------------|
| ➤ इंग्रजी           | ➤ अर्थशास्त्र | ➤ इंग्रजी साहित्य |
| ➤ मराठी किंवा हिंदी | ➤ संगीत       | ➤ मराठी साहित्य   |
| ➤ राज्यशास्त्र      | ➤ तत्वज्ञान   | ➤ हिंदी साहित्य   |
|                     | ➤ इतिहास      |                   |

बि.कॉम.: विद्यापीठ अभ्यासक्रमानुसार (इंग्रजी व मराठी माध्यम)

#### **B.Sc. (AS PER NATIONAL EDUCATION POLICY-2020 AND UNIVERSITY CURRICULUM)**

Choose any one as a major and one as a minor subject from the following.

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|--------------------|---------------|
| ➤ Chemistry        | ➤ Electronics |
| ➤ Physics          | ➤ Zoology     |
| ➤ Mathematics      | ➤ Botany      |
| ➤ Computer Science |               |

- टीप:** 1) बी.ए., बी. कॉम, व बी. एस्सी करिता उर्वरित विषय जसे, AEC(I&II), GE/OE, IKS, CC हे राष्ट्रीय शैक्षणिक धोरण- २०२० व विद्यापीठ अभ्यासक्रम Scheme प्रमाणे घेणे आवश्यक आहे.
- 2) GE/OE ह्या विषय दुसऱ्या शाखेतील विषयाशी संबंधित व विद्यापीठाने दिलेल्या बास्केट मधून निवडणे बंधनकारक आहे.

### पदव्युत्तर स्तर:

(नवीन राष्ट्रीय शैक्षणिक धोरण-2020 व विद्यापीठ अभ्यासक्रमानुसार)

#### एम ए:

- |                |           |
|----------------|-----------|
| ➤ अर्थशास्त्र  | ➤ इंग्रजी |
| ➤ इतिहास       | ➤ मराठी   |
| ➤ राज्यशास्त्र | ➤ हिंदी   |

एम. कॉम.( विद्यापीठ अभ्यासक्रमानुसार)

#### एम. एस्सी.

- |                |                          |
|----------------|--------------------------|
| ➤ गणित         | ➤ प्राणिशास्त्र          |
| ➤ भौतिकशास्त्र | ➤ विद्युत परमाणू शास्त्र |
| ➤ रसायनशास्त्र |                          |

## TWO YEARS POST-GRADUATE PROGRAMMES

### MASTER OF ARTS (Economics)

**Eligibility:** BA with Economics as one of the Subjects or B. Com from Sant Gadge Baba Amravati University. The students who have completed BA with Economics or B. Com from any other recognized University and studied in Regular mode may also apply for the admission. The admissions to these students will be given only if the seats are vacant.

**Intake:** 80

**Courses for study:** As per university syllabus

SEMESTER I	SEMESTER II
<ul style="list-style-type: none"><li>• Research Methodology and IPR</li><li>• Advanced Micro Economics-I</li><li>• Advanced Macro Economics-I</li><li>• Agricultural Economics</li><li>• Statistics For Economics-I or Rural and Urban Development or Health and environment Economics</li></ul>	<ul style="list-style-type: none"><li>• Advanced Micro Economics-II</li><li>• Advanced Macro Economics-II</li><li>• Public Economics</li><li>• Statistics for Economics-II or Co-operation or Human Development</li></ul>
SEMESTER III	SEMESTER IV
<ul style="list-style-type: none"><li>• Economic Growth, Development and Planning- I</li><li>• International Trade and Finance-I</li><li>• Indian Economic Policy</li><li>• Labour Economics or Financial institutions and Market or Economics of Insurance</li></ul>	<ul style="list-style-type: none"><li>• Economic Growth, Development and Planning- II</li><li>• International Trade and Finance- II</li><li>• Economics of Tourism</li><li>• Industrial Economics or Demography or Business Cycle.</li></ul>

**टीप:** संत गाडगे बाबा अमरावती विद्यापीठ अमरावती यांच्या निर्देशा नुसार महाविद्यालयात शिकविल्या जाणाऱ्या विषयात बदल होऊ शकतो. प्रत्येक वर्गाकरीता आणि विषया करीता विद्यापीठाने नेमून दिलेल्या अभ्यासक्रमासाठी विद्यापीठाच्या अभ्यासक्रमिकेचा उपयोग करावा.

**SELF FINANCING COURSES:** (स्व-वित्तीत/ विना अनुदानित अभ्यासक्रम)

**B.A. (Bachelor of Art- Two Sections):**

**Intake:** 200

(महाविद्यालयात उपलब्ध विषयांपैकी नवीन राष्ट्रीय शैक्षणिक धोरण-2020 व विद्यापीठ अभ्यासक्रमानुसार विषय निवडता येईल.)

**उपलब्ध विषय:**

- इंग्रजी
- मराठी किंवा हिंदी
- राज्यशास्त्र
- अर्थशास्त्र
- संगीत
- तत्वज्ञान
- इतिहास
- इंग्रजी साहित्य
- मराठी साहित्य
- हिंदी साहित्य

## **TWO YEARS- FOUR SEMESTER- POST-GRADUATE PROGRAMMES**

### **MASTER OF ARTS (English)**

**Eligibility:** BA with English as one of the subjects from Sant Gadge Baba Amravati University or any other recognized University pursued in Regular mode.

**Intake:** 80

**Courses for study:** As per University Syllabus

### **MASTER OF ARTS (History)**

**Eligibility:** BA with History as one of the subjects from Sant Gadge Baba Amravati University or any other recognized University studied in Regular mode.

**Intake:** 80

**Courses for study:** As per University Syllabus

### **MASTER OF ARTS (Hindi)**

**Eligibility:** BA with Hindi as one of the subjects from Sant Gadge Baba Amravati University or any other recognized University studied in Regular mode.

**Intake:** 80

**Courses for study:** As per University Syllabus

### **MASTER OF ARTS (Marathi)**

**Eligibility:** BA with Marathi as one of the subjects from Sant Gadge Baba Amravati University or any other recognized University studied in Regular mode.

**Intake:** 80

**Courses for study:** As per University Syllabus

### **MASTER OF ARTS (Political Science)**

**Eligibility:** BA with Political Science as one of the Subjects from Sant Gadge Baba Amravati University or any other recognized University studied in Regular mode.

**Intake:** 80

**Courses for study:** As per University Syllabus

## **FOUR SEMESTER POST-GRADUATE PROGRAMMES MASTER OF COMMERCE (M. Com.)**

**Eligibility:** B. Com. from Sant Gadge Baba Amravati University or any other recognized University studied in Regular mode.

**Intake:** 80

**Courses for Study:** As per University Syllabus

### MASTER OF SCIENCE (M. Sc.)

#### M. Sc. (Chemistry)

**Eligibility:** B. Sc with Chemistry as one of the subjects from Sant Gadge Baba Amravati University or any other recognized University studied in Regular mode.

**Intake:** 20

**Courses for study:**

#### M. Sc. (Chemistry)

SEMESTER I	SEMESTER II
<ul style="list-style-type: none"><li>• Research Methodology and IPR in Chemistry</li><li>• Structural Inorganic Chemistry</li><li>• General Organic Chemistry</li><li>• Physical Chemistry-I</li><li>• Organic reaction Mechanism</li></ul>	<ul style="list-style-type: none"><li>• Physical Chemistry-II</li><li>• Co-ordination Chemistry</li><li>• Basic Analytical Chemistry</li><li>• Advanced Organic Chemistry</li></ul>
SEMESTER III	SEMESTER IV
<ul style="list-style-type: none"><li>• Contemporary Topics in Chemistry</li><li>• Spectroscopy -I</li><li>• Physical Organic Chemistry</li><li>• Organic Chemistry</li></ul>	<ul style="list-style-type: none"><li>• Principles in Organic Chemistry</li><li>• Spectroscopy -II</li><li>• Separation Techniques</li><li>• Natural Products and Medicinal Chemistry</li></ul>

#### M. Sc. (Mathematics)

**Eligibility:** B. Sc with Mathematics as one of the subjects from Sant Gadge Baba Amravati University or any other recognized University pursued in Regular mode.

**Intake:** 30

**Courses study:**

SEMESTER I	SEMESTER II
<ul style="list-style-type: none"><li>• Research Methodology and IPR</li><li>• Real Analysis</li><li>• Advanced Abstract Algebra</li><li>• Complex Analysis</li><li>• Differential Geometry</li></ul>	<ul style="list-style-type: none"><li>• Advanced linear Algebra and Field Theory.</li><li>• Topology</li><li>• Integral Equations</li><li>• Riemannian Geometry</li></ul>

SEMESTER III	SEMESTER IV
<ul style="list-style-type: none"> <li>• Functional Analysis-I</li> <li>• Operation Research</li> <li>• General Relativity</li> </ul>	<ul style="list-style-type: none"> <li>• Partial Differential Equation</li> <li>• Numerical Analysis</li> <li>• Advanced Mechanics</li> <li>• Relativistic Cosmology</li> </ul>

### **M. Sc. (Physics)**

**Eligibility:** B. Sc with Physics as one of the subjects from Sant Gadge Baba Amravati University or any other recognized University studied in Regular mode.

**Intake:** 20

**Courses for study:**

SEMESTER I	SEMESTER II
<ul style="list-style-type: none"> <li>• Research Methodology and IPR in Physics</li> <li>• Mathematical Physics</li> <li>• Classical Mechanics</li> <li>• Quantum Mechanics-I</li> <li>• Computational Methods and C-Programming</li> </ul>	<ul style="list-style-type: none"> <li>• Quantum Mechanics-II</li> <li>• Electromagnetic theory</li> <li>• Atomic and Molecular physics</li> <li>• Network Theorems and Solid-State Devices</li> </ul>
SEMESTER III	SEMESTER IV
<ul style="list-style-type: none"> <li>• Nano Science and Nano Technology</li> <li>• Solid State Physics</li> <li>• Statistical Mechanics</li> <li>• Condensed Matter Physics-I</li> </ul>	<ul style="list-style-type: none"> <li>• Nuclear &amp; Particle Physics</li> <li>• OPAMP and Linear integrated circuits</li> <li>• Radiation &amp; Plasma Physics</li> <li>• Condensed Matter Physics-II</li> </ul>

### **M. Sc. (Zoology)**

**Eligibility:** B. Sc with Zoology as one of the subjects from Sant Gadge Baba Amravati University or any other recognized University studied in Regular mode.

**Intake:** 20

**Courses for study:**

SEMESTER I	SEMESTER II
<ul style="list-style-type: none"> <li>• Research Methodology and</li> </ul>	<ul style="list-style-type: none"> <li>• Structure and Functions of</li> </ul>

<p>intellectual property rights</p> <ul style="list-style-type: none"><li>• Structure and Functions of Invertebrates</li><li>• General physiology</li><li>• Developmental Biology</li><li>• Tools and Techniques in biology/ Wildlife conservation and management</li></ul>	<p>Vertebrates</p> <ul style="list-style-type: none"><li>• Molecular Cell Biology</li><li>• Ecology and Environment</li><li>• Tools and Techniques in biology/ Wildlife conservation and management</li></ul>
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संत गाडगे बाबा अमरावती विद्यापीठ अमरावती यांच्या निर्देशा नुसार महाविद्यालयात शिकविल्या जाणाऱ्या विषयात बदल होऊ शकतो. प्रत्येक वर्गाकरीता आणि विषयाकरीता विद्यापीठाने नेमून दिलेल्या अभ्यासक्रमासाठी विद्यापीठाच्या अभ्यासक्रमिकेचा उपयोग करावा.