SATPUDA EDUCATION SOCIETY, JALGAON (JAMOD)'S

ARTS & COMMERCE COLLEGE, WARWAT- BAKAL

2nd Cycle of Assessment & Accreditation by NAAC

CRITERION-II

CRITERION-II	TEACHING-LEARNING & EVALUATION

2.3	Teaching-Learning Process

2.3.1	Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences using ICT tools

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SATPUDA EDUCATION SOCIETY, JALGAON (JAMOD)'S
ARTS & COMMERCE COLLEGE
Warwat-Bakal Dist- Buldana

Dr. Subhash Pawar
In Charge Principal

Shri Krushnarao Ingle (Ex MLA)
President

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SELF-DECLARATION

This is to certify that the information, reports, true copies of the supporting documents, numerical data and weblinks furnished herein are verified by IQAC and the head of institution and are found correct.

IQAC Co-ordinator
Arts and Commerce College,
Warvat Bakal

Arts & Commerce College ★ Warvat Bakal ★

Principal
Arts & Commerce College,
Warvat Bakal Dist.Buldana

Continuous Internal Evaluation Report

The institution plans & executes many activities many activities to CIE, for the benefit of all the stakeholders. The CIE activities provide opportunity to students to actively participated learning, skill enhancement, communication empowerment, personality development etc. At the same time enhance meaningful interaction between students & teachers.

Details of the activities organized / conducted by institution are mentioned below –

- Unit Tests
- Guest lectures
- Student's seminars
- Competitions
- Participative teaching
- Group Discussion
- Home Assignments

Compulsory English

TIME : 3 HOURS
MAX MARKS THEORY : 80 MARKS **MIN PASSING MARKS : 32 MARKS**
MAX MARKS INTERNAL ASSESSMENT: 20 MARKS **MIN PASSING MARKS : 08 MARKS**

Distribution of Marks

A) **Prose** i) The students will have to answer THREE out of FOUR short answer questions of 2 marks each. = 6 Marks
ii) The students will have to answer TWO out of FOUR long answer questions of 5 marks each. = 10 Marks

B) **Poetry** i) The students will have to answer TWO out of THREE short answer questions of 3 marks each. = 6 Marks
ii) The students will have to answer TWO out of THREE long answer questions of 5 marks each. = 10 Marks

C) **Grammar** : Prescribed Text Blooming Buds by Board of Editors & published by Orient Blackswan
i) Parts of Speech = 10 Marks
ii) Tenses = 6 Marks

D) **Communication Skills :**

i) Unseen passage = 6 Marks
ii) Letter Writing : The students will have to answer ONE out of TWO Letters = 5 Marks
iii) Curriculum Vitae (CV) : The students will have to answer ONE out of TWO CV = 5 Marks

E) Multiple Choice Questions (MCQ)

Based on Unit I & II : The students will have to answer SIXTEEN out of SIXTEEN MCQ's = 16 Marks

F) Internal Assessment

i) Viva- Voce **= 10 Marks**
a) Personal Interview = 5 Marks
b) Seminar = 5 Marks
ii) Assignments **= 10 Marks**
a) Making Introduction
b)Greeting People
c)Talking about Family
d) Describing People, Places & Animals
e) Expressing Feelings
f) Inviting, Suggesting, Accepting & Refusing

Appendix-B

बी. ए. भाग – १ मराठी (आवश्यक)
सत्र १ ले

।। गुण विभागणी ।।

एकूण गुण – १००
लेखी गुण – ८०
अंतर्गत मूल्यमापन – २०
वेळ - ३ तास

अभ्यासक्रमासाठी नेमलेले पाठ्यपुस्तक – **'मृदगंध' भाग १ (विभाग 'अ', 'ब', आणि 'क' साठी)**

विभाग - अ	वैचारिक	–	१६ गुण
विभाग - ब	ललित	–	१६ गुण
विभाग - क	कविता	–	१६ गुण
विभाग – ड	उपयोजित मराठी	–	१६ गुण
	वैचारिक, ललित व कविता या विभागांवर वस्तुनिष्ठ बहुपर्यायी प्रश्न	–	१६ गुण

विभाग 'अ' व 'ब' यावर प्रत्येकी सोळा गुणांचा एक दीर्घोत्तरी प्रश्न – ३२ गुण
विभाग 'क' यावर प्रत्येकी आठ गुणांचे दोन लघुत्तरी प्रश्न – १६ गुण
विभाग 'ड' मधील उपयोजित मराठीवर प्रत्येकी आठ गुणांचे दोन लघुत्तरी प्रश्न – १६ गुण
वस्तुनिष्ठ प्रश्न - उपरोक्त अभ्यासक्रमातील विभाग 'अ','ब' आणि 'क' यावर आधारित वस्तुनिष्ठ स्वरुपाचे एकूण १६ बहुपर्यायी प्रश्न विचारले जातील. प्रत्येक प्रश्नास एक गुण याप्रमाणे हा प्रश्न १६ गुणांचा असेल. – १६ गुण

विभाग 'ड' साठी संदर्भग्रंथ म्हणून **'उपयोजित मराठी'** संपादक - केतकी मोडक व इतर, पद्मगंधा प्रकाशन, पुणे हा ग्रंथ असेल. या ग्रंथातील **प्रकरण १५ वे 'लेखनविषयक नियम'** व **प्रकरण १६ वे 'मुद्रितशोधन'** या प्रकरणांवर प्रत्येकी ०८ गुणांचा एक लघुत्तरी प्रश्न विचारण्यात येईल.

अंतर्गत मूल्यमापन : एकूण २० गुणांची अंतर्गत मूल्यमापन परीक्षा राहील.

- गुण विभागणी :

१) गृहपाठ – १० गुण
२) मौखिक परीक्षा – १० गुण

लेखी परीक्षा व अंतर्गत मूल्यमापन या दोन्ही परीक्षांमध्ये स्वतंत्रपणे उत्तीर्ण होणे आवश्यक राहील. त्यासाठी किमान गुण खालीलप्रमाणे आवश्यक असतील.

- लेखी परीक्षा – ८० पैकी ३२ गुण आवश्यक
- अंतर्गत मूल्यमापन – २० पैकी ०८ गुण आवश्यक

सूचना : १) गृहपाठ हा पाठ्यपुस्तकांव्यतिरिक्त अन्य कोणत्याही भाषिक व वाङ्मयीन कौशल्य विकसित करणाया विषयावर असावा.
२) मौखिक परीक्षा ही गृहपाठावर आधारित असेल.

बी. ए. भाग – १ मराठी (आवश्यक)
सत्र २ रे

।। गुण विभागणी ।।

एकूण गुण – १००
लेखी गुण – ८०
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Appendix – 'A'

Syllabi of B.A. Part-II
Semester-III & IV
(Implemented from 2018-2019 Session)
(History)

Instructions for Both Semester I to IV of B.A. Part-I& Part-II

(1) Students will have to Solve TWO (2) Long Questions from any Two of Five Units. Each of these Long Question carries SIXTEEN (16) Marks. Internal Choice is available from same unit.

(2) Students will have to Solve EIGHT (8) Short Questions in all choosing four questions from each of Two units out of Total Five Units. Each of these ShortQuestion Carries FOUR (4) Marks. Internal Choice is available from same unit.

(3) Students will have to Solve SIXTEEN (16) Multiple Type Questions from all the Five Units. Each of these Short Question Carries ONE (1) Mark. No Internal Choice is available .

Distribution ofInternal 20 Marks

(1) TEN (10) Marks to be awarded by the Teacher concerned on ASSIGMMENT submitted by the Student. ASSIGNMENT is based on the syllabus.

(2) TEN (10) Marks to be awarded by the Teacher concerned on student's performance i VIVA-VOCE which is based on the syllabus.

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Appendix – 'C'

Syllabus B.A.
Subject : Economics

Paper Pattern for All Six Semester
(Semester-I to Semester-VI)

Theory : 80 Marks
Int.Ass. : 20 Marks

Instructions :

i. All Questions are Compulsory
ii. All question carry Equal Marks (Each Question SIXTEEN Marks)

1. Student will have to Solve TWO Long Question from Any Two of the Five Units. Each of these broad Question carry SIXTEEN Marks. (Internal Choice is Available) — 2 x 16 = 32

2. Student will have to Solve EIGHT Short Question in all choosing four Question from Each of the Two units out of the Total Five. Each Short Question Carries Four Marks (Internal Choice is Available) — 8 x 4 =32

3. Student will have to Solve EIGHT Multiple Choice Type Question from Any One of the five units. Each of these Questions Carries Two Marks. — 8 x 2 = 16

Total = 80

Internal Examination : 20 Marks

1. Viva- Voce - 10 Marks
2. Assignments - 10 Marks

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Appendix – 'H'

Syllabi for B.A. Part-II
Semester-III
Subject : Political Science
(Implemented From 2018-2019 Session)

Selected Constitutions and International Relations (U.K., U.S.A & China)

Marks : Theory – 80
In.Ass – 20

Unit-I i) Salient features of the Constitution of U.K.
ii) Historical Background of Crown.
iii) Powers of the Crown.
iv) Prime Minister – Appointment, Role and Function.
v) Cabinet – Structure and Function

Unit-II **Parliamentary System of U.K.**

i) House of Lords – Composition, Powers and Functions (with Reference to Constitutional Reforms Act-2005)
ii) House of Commons – Composition, Powers and Functions
iii) Role of Opposition and ShadowCabinet.

Unit-III i)Salient features of the Constitution of U.S.A.
ii) President – Election Process, Powers and Functions.
iii) Cabinet – Structure and Functions.
iv) Vice-President – Election Process, Powers and Functions.

Unit-IV Legislature of U.S.A. – Congress.

i) Senate – Composition, Powers and Functions.
ii) House of Representative – Composition, Powers and Functions
iii) Supreme Court – Composition, Powers and Functions.

Unit-V South Asian Association for Regional Co-operation (SAARC)
i) Objectives
ii) Structure
iii) Function.

Distribution of Internal Marks

i) Group Discussion	...	10 Marks
ii) Project	...	10 Marks

Appendix- A

(Compulsory English)
B. Com. I
Semester I

Theory :- 80 Marks **Time :- 3 Hours**

Text Prescribed for study : RAYS OF LETTERS
(As per model curriculum of the U.G.C. for B.Com. Part- I and published by Raghav Publisher and Distributors, Mahal, Nagpur.)

Unit I : PROSE

1.	The Eyes are not Here	Ruskin Bond
2.	The Romance of a Busy Broker	O. Henry

Unit II : PROSE

3.	Bores	E.V. Lucas
4.	The Lost Child	Mulk Raj Anand

Unit III : POETRY

1.	The World is too Much With us	William Wordsworth
2.	Once Upon a time	Gabriel Okara
3.	If	Rudyard Kipling

Unit IV : GRAMMAR (strictly based on the prescribed text)

A. Change the Narration
B. Articles
C. Synonyms & Antonyms
D. Tense Forms

Unit V : BUSINESS CORRESPONDENCE AND WRITING SKILLS
(As given in the prescribed text.)

A. Letter Writing (Formal & Informal)
   i) Formal
   Applications for Job/Complaint/Order
   ii) Informal/ Personal Letters
B) Resume Writing

Distribution of Marks (80 : 20)

A) Theory 80 Marks

Textual Components :

ue. 1 P OSE
Any two long answer questions to be attempted out of four each carrying eight marks . 2X8=16 Marks

Que. 2- **POETRY**
Any Four short answer questions to be attempted out of Six each carrying four marks. 4X4=16 Marks

Que. 3 **GRAMMAR (TEXTUAL)**

a) Change the narration
Two questions carrying two marks each Articles 2X2 = 4 Marks

b) Articles
Four questions carrying one mark each 4X1 = 4 Marks

c) Synonyms & Antonyms
Four questions carrying one mark each 4X1 = 4 Marks

d) Tense Forms
Four questions carrying one mark each 4X1 = 4 Marks

Que. 4 **BUSINESS CORRESPONDENCE AND WRITING SKILLS**

a) Letter Writing
i) Formal Letter
(Application for Job/Complaint/Order) 5X1 = 5 Marks
(Any one out of two)
ii) Informal Letters/Personal Letters 5X1 = 5 Marks
(Any one out of two)

b) Resume Writing **6 Marks**

B) Internal Assessment **20 Marks**

(i) Class Test 10 Marks.
(ii) Home Assignment 10 Marks.

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Appendix - P

बी.कॉम. भाग २

सत्र चाथे

मराठी

लेखी परीक्षा ४० गुण

अंतर्गत मूल्यमापन १० गुण

नेमलेले पाठ पुस्तक अनुबंध भाग-२ सत्र ३ रे

अनुक्रमणिका

विभाग अ : वचारिक

१)	आत्मनिरीक्षणाचा परिणाम	महात्मा गांधी	सत्याचे प्रयोग
२)	जेट युगातील माणूस	शंतनु ल. किलारकर	जेट युगातील माणूस
३)	कर्मवीर आणि महाराष्ट्राची जडणघडण	गंगाधर पानतावणे	आधारवड : कर्मवीर भा राव पाटील गारवग्रंथ

विभाग ब : ललित

१)	धांदुलाचा ष्टांत	सर्व ा ी चक्रधर स्वामी	लीळाचरित्र
२)	आगळ	महें कदम	
३)	आबा	विजय पाटील	

विभाग क : कविता

१)	एक आम्ही असे निघालो	नारायण सुव	मा ो विद्यापीठ
२)	ुंज	सुरेश भट	एल्गार
३)	दु:खाचं महावस्त्र	पी वि ल	मा या वर्तमानाची नोंद
४)	या नभाला वेचतो मी.....	विष्णू सोळंके	
५)	डा वन	वभव भिवरकर	

विभाग ड : उपयोजित मराठी

१) जाहिरात लेखन संदीप खरे

(संदर्भ ग्रंथ उपयोजित मराठी - संपादक केतकी मोडक व इतर)

बी.कॉम. भाग २

मराठी

सत्र चाथे

गुण विभागणी

एकूण गुण ५०
लेखी परीक्षा ४० गुण
अंतर्गत मूल्यमापन १० गुण
वेळ - २ तास

नेमलेले पाठ पुस्तक : अनुबंध भाग-२, सत्र ४ थे, राघव प्रकाशन, नागपुर

लेखी परीक्षा गुण विभागणी :

विभाग अ : वचारिक	०८ गुण
विभाग ब : ललित	०८ गुण
विभाग क : कविता	०८ गुण
विभाग ड : उपयोजित मराठी	०८ गुण
वरील सर्व विभागांवर आधारित वस्तूनिष्ठ बहुपर्यायी प्रश्न	०८ गुण
एकूण	४० गुण

Unit – 3

Analysis of Universal Data : Construction of a frequency of distribution, concept of central tendency & their measures, Mean , Median, Mode

Unit – 4

Concept of Dispersion, Absolute and Relative measures of dispersion Skewness.

Unit- 5

Co-efficient of correlation arl Pearson s ormula. Calculation of Co-efficient of correlation in grouped and ungrouped data. Probable error.

Books Recommended :-

Gupta S.P. : Statistical Methods
R.K. Sawlikar : Dr R. P. Ingole, S.B.Kishor : Basic Computer and Statistical Techniques
Elhance D.N. : Fundamental of Statistics
Dr Sukhadeve Varsha S. : A Text book of Modern Approach to Statistics
Y.R. Mahajan Applied Statistics.

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Appendix -W

B.Com-II
Semester-IV
Income Tax

Time 3 **hours** **Marks-80**

Unit I Basic Concept-Income Tax, Income, Total Income, Gross total Income , Assessment Year, Previous Year, Casual Income, Agricultural Income, Person, Heads of Income, Income which does not from part of total Income.

Unit 2 Computation of Income from Salary & Income from House property

Unit-3 Income from other sources, Deductions to be made from Gross Total Income, reading to resident Individual.

Unit 4 Income tax Authorities, Power of Income tax Officer & Commissioner, Assessment procedure,

Unit 5 *Return of Income, e-filling procedure, filling of From No .16 Form No. 10 E, Tax Planning, Advance tax , PAN, TDS.

***Internal Assessment** **20 Marks**

FormNo. 16, 10E, 15(G), efilling of retern of Income	10 marks
Home Assessment	10 marks

Books :-
1. Income Tax Law & Practice — Bhagwati Prasad
2. Income Tax Law & Practice — Malhotra & Goyal
3. आयकर तत्व आर व्यवहार -- मेहरोत्रा आर गोयल
४. Ta mann s GST Manual
५. आयकर डॉ.घोरपडे आणि डॉ.गोंगले
. आयकर -- उखलकर
. आयकर व अंकेक्षण -- डॉ.विजय उपगडे

*****

SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI
DIRECTION

No. : 16/2010 Date : 11/06/2010

Subject : Examinations leading to the Degree of विज्ञान स्नातक (Bachelor of Science) (Three Year Degree Course-Semester Pattern), Direciton, 2010.

Whereas, University Grants Commission, New Delhi vide D.O.No.F-2/2008/(XI Plan), Dtd.31 Jan.2008 regarding new initiatives under the 11th Plan – Academic Reforms in the University has suggested for improving quality of higher education and to initiate the Academic Reform at the earliest.

AND

Whereas, the Academic Council while considering the above letter in its meeting held on 30.4.2008, vide item No.55 has resolved to refer the same to Dean's Committee, and the Dean's Committee in its meeting held on 19.07.2008 has decided to refer the matter to all Board of Studies.

AND

Whereas the recommendations of various Board of Studies in the faculty of Science regarding Upgradation and Revision of various syllabi and introduction and implementation of Semester Pattern Examination System at under graduate level was considered by the faculty of Science in its meeting held on 7.12.2009 and constituted a Committee of all Chairmen of Board of Studies and one member nominated by Chairmen of respective B.O.S. under the Chairmanship of Dean of faculty to decide the policy decision regarding semester pattern examination system.

AND

Whereas, the faculty of Science in its emergent meeting held on 11th May, 2010 vide item No.26, has considered, accepted and recommended to Academic Council, the policy decision regarding introduction of Semester pattern and the draft syllabi of B.Sc. Part-I (Semester-

I & II) along with draft ordinance and other details. The recommendations of the faculty was approved by the Academic Council in its emergent meeting held on 28.5.2010, vide item No.35 D).

AND

Whereas, Ordinance No.143 in respect of Examinations leading to the Degree of विज्ञान स्नातक (Bachelor of Science) is in existence in the University as per annual pattern examination system.

AND

Whereas, new scheme of examination as per semester pattern is to be implemented from the Academic Session 2010-11 for Semester-I & onwards which is regulated by an Ordinance and framing of an Ordinance for the above examination is likely to take some time.

AND

Whereas, the admission of students in the semester pattern at B.Sc. Part-I (Semester-I) are to be made in the Academic Session 2010-11.

Now, therefore, I, Dr. Kamal Singh, Vice Chancellor of Sant Gadge Baba Amravati University, in exercise of powers conferred upon me under sub-section (8) of section 14 of the Maharashtra Universities Act., 1994, do hereby direct as under:

1. This Direction may be called, "Examinations leading to the Degree of विज्ञान स्नातक (Bachelor of Science) (Three Year Degree Course-Semester Pattern), Direciton, 2010".

2. This direction shall come into force with effect from the date of its issuance.

3. (i) The following shall be the examination leading to the Degree of विज्ञान स्नातक (Bachelor of Science) in the faculty of Science-

   (1) The विज्ञान स्नातक भाग-१, सत्र-१ व २ (B.Sc. Part-I, Sem-I & II) Examination;
   (2) The विज्ञान स्नातक भाग-२, सत्र-३ (B.Sc. Part-II, Semester-III) Examination;
   (3) The विज्ञान स्नातक भाग-२, सत्र-४ (B.Sc. Part-II, Semester-IV) Examination;
   (4) The विज्ञान स्नातक अन्त्य, सत्र-५ (B.Sc. Final, Semester-V) Examination; and

Appendix-G

The internal assessment marks assigned to each theory paper as mentioned in **Appendix-A to F** shall be awarded on the basis of assignment, class test, attendance, project assignments, Seminar, Study tour, Industrial visit, Visit to educational institutions and research organization, field work, group discussion or any other innovative practice/ activity. The marking scheme for each of the practice/activity shall be as under :-

Sr. No.	Semester	Practice /Activity	Details of marking scheme	Total marks for		
				Languages	Mathematics	Other Science Subjects
1	2	3	4	5	6	7
1	Semester -I & II	Assignment	Two assignments per theory paper	04	05	08
2	Semester- I & II	Class Test	Two class test (on passing test)	06	10	12
	Total marks for Sem-I /II			**10**	**15**	**20**
3	Sem-III, IV, V & VI	Project Assignment	On latest developments in the subject in 100-200 words	—	03	04
4	Sem-III, IV, V & VI	Class Test	Two class test (on passing test)	—	08	10

1	2	3	4	5	6	7
5	Sem-III, IV, V & VI	Seminar, Study tour, Industrial visit, Visit to educational institutions, research organization, field work, group discussion or any other innovative practice/ activity.	Any one of the activity with report of the activity.	—	04	06
	Total marks of Sem-III/ IV/V/ VI			—	**15**	**20**

Note :

1. The concerned teacher shall have to keep the record of all the above activities till the passing out of that batch.
2. At the beginning of each semester, every teacher shall inform his/her students unambiguously the method he/ she proposes to adopt a scheme of marking for the internal assessment.
3. Teacher shall announce the schedule of activity for Internal Assessment in advance in consultation with HOD/ Principal.
4. Normally the teacher concerned may conduct three written tests spread periodically during the semester and award the marks on the test on passing of any two tests.
5. The internal marks shall be displayed on the notice board before three weeks of the commencement of the theory examination. Grievances if any, of the student regarding Internal Assessment marks shall be settled by the Principal at college level in consultation with the concerned teacher.
6. Final submission of internal marks to the University shall be before commencement of the theory examinations.

Internal Assessment System Faculty of Humanities

F) Internal Assessment
i) Viva- Voce = 20 Marks
a) Personal Interview = 10Marks
b) Seminar - Presentation = 10 Marks
Note:
1. The teachers are expected to impart formal training in Grammar Composition, Making Introduction, Greeting People, Talking about Family, Describing People, Places & Animals, Expressing Feelings, Inviting, Suggesting, Accepting & Refusing, Reading & Oral Skills in the tutorial classes.
2. Internal examiner shall interview an examinee to test his or her spoken skills.
3. There shall be separate passing for theory & Internal Assessment.

अंतर्गत मूल्यमापन : एकूण २० गुणांची अंतर्गत मूल्यमापन परीक्षा राहील.

- गुण विभागणी :

१) गृहपाठ – १० गुण
२) मौखिक परीक्षा – १० गुण

Internal Examination : 20 Marks

1. Viva- Voce - 10 Marks
2. Assignments - 10 Marks

Internal Assessment of Marks (20 Marks)

1) Group Discussion Related to Syllabus ... 10 Marks
2) Paper Presentation OR P.P.T Presentation Related to Syllabus ... 10 Marks

Internal Assessment System Faculty of Commerce

20 Marks

Internal Assessment (SEM)
I) Assignment **10 Marks**
II) Class Test **10 Marks**

INTERNAL ASSESSMENT :

Seminar Skill : 5 Marks

Home Assignment : 5 Marks

Internal Assessment **20 Marks**

Visit to Auditor's firm & its Report 10 marks
Home Assessment 10 marks

***Internal Assessment**	**20 Marks**
FormNo. 16, 10E, 15(G), efilling of retern of Income	10 marks
Home Assessment	10 marks

Internal Assessment System Faculty of Science

Internal Assessment System of University

Appendix-G

The internal assessment marks assigned to each theory paper as mentioned in **Appendix-A to F** shall be awarded on the basis of assignment, class test, attendance, project assignments, Seminar, Study tour, Industrial visit, Visit to educational institutions and research organization, field work, group discussion or any other innovative practice/ activity. The marking scheme for each of the practice/activity shall be as under :-

Sr. No.	Semester	Practice /Activity	Details of marking scheme	Total marks for		
				Languages	Mathematics	Other Science Subjects
1	2	3	4	5	6	7
1	Semester -I & II	Assignment	Two assignments per theory paper	04	05	08
2	Semester- I & II	Class Test	Two class test (on passing test)	06	10	12
	Total marks for Sem-I /II			**10**	**15**	**20**
3	Sem-III, IV, V & VI	Project Assignment	On latest developments in the subject in 100-200 words	—	03	04
4	Sem-III, IV, V & VI	Class Test	Two class test (on passing test)	—	08	10

1	2	3	4	5	6	7
5	Sem-III, IV, V & VI	Seminar, Study tour, Industrial visit, Visit to educational institutions, research organization, field work, group discussion or any other innovative practice/ activity.	Any one of the activity with report of the activity.	—	04	06
	Total marks of Sem-III/ IV/V/ VI			—	**15**	**20**

Zoom	Google Meet	You tube	Google classroom

Sr. No.	Subject	Class	Google Classroom Link
1.	Political Science	B.A.-1	https://classroom.google.com/c/NDA2MzExMTY3MDk3?cjc=wbvzlcx
		B.A. -2	https://classroom.google.com/c/NDM4NTM4MjU5MzI3?cjc=zztjrcn
		B.A.-3	https://classroom.google.com/c/NDM4NTM3ODE3NzMw?cjc=pguhx47
2.	Economics	B.A.-1	https://classroom.google.com/c/MTE3OTk1NTEwNDA2?cjc=qe4rygm
		B.A. -2	https://classroom.google.com/c/MTE4MDAwNDIxNjk2?cjc=q3iaydh
		B.A.-3	https://classroom.google.com/c/MTE4MDAxNTU4MzA3?cjc=6xsbcvj
3.	History	B.A.-1	https://classroom.google.com/c/MTI5NDI5MzA4MDA5?cjc=qbivnmu
		B.A. -2	https://classroom.google.com/c/MTM3ODQzNjE3NDYy?cjc=dbkxcdd
		B.A.-3	https://classroom.google.com/c/MTI5NDMxNzEzOTU3?cjc=7y65q4t
4.	English	B.A.-1	https://classroom.google.com/c/MTU5MTkxNzU0OTM0?cjc=5obtok4
		B.A. -2	https://classroom.google.com/c/MTA4ODkzODAyODc5?cjc=e23xsll
		B.A.-3	https://classroom.google.com/c/NDg2MDA4MzY1Njha?cjc=cnyvxg2
		B.Com. -1	https://classroom.google.com/c/MTA4ODI2OTc5OTE1?cjc=76xgiam
		B.Com. -2	https://classroom.google.com/c/MTM3Njg4OTk1MDA4?cjc=vxt4t4d
		B.Com. -3	https://classroom.google.com/c/MTM1Mjg3NjA2MTA2?cjc=q5frrkq
		B.Sc.-1	https://classroom.google.com/c/MzM4MzgxMjk3MTc5?cjc=ddt54lh
		B. Voc NMT I	https://classroom.google.com/c/MzQ4MDE4ODc4OTEz?cjc=jqr3iyp
		B. Voc GHT I	https://classroom.google.com/c/MzQ4MDIwNDc4MjM2?cjc=62scjgn
5.	Commerce	B.Com.-1	https://classroom.google.com/c/NDQyMTkxOTQ2MTIw?cjc=le5xapa
		B.Com.-2	https://classroom.google.com/c/NDQyMjAxMzQ0OTA2?cjc=3nmyuhv
		B.Com.-3	https://classroom.google.com/c/NDQyMjAyMzczOTc2?cjc=hy5ka3n
6.	Chemistry	B.Sc.-1	https://classroom.google.com/c/MTYxMzYyNzkyNTcx?cjc=edqqhwg
		B.Sc.-2	https://classroom.google.com/c/MTM4NTE5ODQ1ODUw?cjc=mwcdz6u
		B.Sc.-3	https://classroom.google.com/c/MTE3MzQ4NzM3NTUw?cjc=iooxxur
7.	Botany	B.Sc.-1	https://classroom.google.com/c/MTE3MzUwNTc0NDgy?cjc=wcz26gg
		B.Sc.-2	https://classroom.google.com/c/MTE4MTYyMzgzNjQ5?cjc=ke6qdrn
		B.Sc.-3	https://classroom.google.com/c/MTE5MDE5MjIyNDUw?cjc=klo6a54
8.	Zoology	B.Sc.-1	https://classroom.google.com/c/MTE3MzUwODc0OTEw?cjc=4dwtoxm
		B.Sc.-2	https://classroom.google.com/c/MTE3MzUzNDY1NDA5?cjc=7hutgul
		B.Sc.-3	https://classroom.google.com/c/MTE3MzQ5MjI0MTE5?cjc=6p33s7h

Sr. No.	Name of Teacher	You Tube Channel Link
1	Mr. Nityanand Dahake	https://youtube.com/channel/UC2H010yB9SajTi51B8AiJxA
2	Dr. Madhuri Hingankar	https://youtube.com/channel/UCFDojxVn_J0xD5IWvC6ELbA
3	Dr. Satish Rane	https://youtube.com/channel/UCX3LCKHhvZiB06Z2yMHpTBw
4	Dr. Megha Solanke	https://youtu.be/YgQ1ozyDcBk
5	Mr. Santosh Mhasal	https://youtube.com/channel/UCxhmbzWqs5hmAQUxPNsfe9w
6	Mr. Nishigandh Satav	https://www.youtube.com/channel/UCmBUAr9IhALRgnh8tdgM6xw
7	Mr. Suresh Bhaltadak	https://youtube.com/channel/UChUUbNL73xuR_Bnur-1hZWA
8	Mr. Kiran Sabale	https://youtube.com/channel/UCm_o3CkTSIqHbtnwb6l-ZXw
9	Mr. Sushil Deshmukh	https://youtube.com/channel/UCpnmXFFN8jCgyNwomIYRuBA
10	Dr. Rajendra Korde	https://youtube.com/channel/UCGRZWGTuJAx5zuPOn3yTDBg
11	Ms. Sonali Tayade	https://youtube.com/channel/UCrz5TvaBk69DBwjpzyQH5rQ
12	Mr. Nagesh Ingle	https://youtube.com/channel/UCHZIlfwZiC7zu1cj6rsQdoQ

Principal

ARTS & COMMERCE COLLEGE, WARVAT BAKAL

BA COURSE OUTCOMES (COs)

B.A. Part I (English Compulsory) By completion of this course students will be able – 1) To understand the use of parts of speech and tenses 2) To write personal, business letters. 3) To write Curriculum Vitae properly. 4) To construct sentences of English Language. 5) To able to use verb forms properly. 6) To construct story Building. 7) To compose Fax and Email. 8) To write notices, Agendas and Minutes.	**B.A. Part II (English Compulsory)** By completion of this course students will be able – 1) To construct and use of simple, complex and compound sentences. 2) To employ interpersonal conservations. 3) To employ casual conversations.	**B.A. Part III (English Compulsory)** By completion of this course students will be able – 1) To develop reading skills. 2) To develop speaking skills. 3) To develop listening skills. 4) To develop writing skills.
B.A. Part I (History) By completion of this course students will be able – 1) To understand the genesis of history and the development of history writing in India. 2) To understand the sources of ancient India and the Civilizations like Indus and Aryan. 3) To understand the history of Ancient India. 4) To understand the roles of Mourya, Gupta and Vardhana Empires in India.	**B.A. Part II (History)** By completion of this course students will be able – 1) To understand the formation, expansion and consolidation of *Sultanet Shahi* and Mughal Empire. 2) To understand the formation, expansion and consolidation of British Empire in India under East India Company. 3) To understand the consequences of national Movement in India.	**B.A. Part III (History)** By completion of this course students will be able – 1) To understand the changes of Europe after the French Revolution and Political changes in Asian and African Countries. 2) To understand the causes of I and II World War. 3) To understand the formation of UNO to maintain peace around the world. 4) To understand the conflict of democracy and Socialism after Second World War. 5) To understand the emergence of Cold War. 6) To understand the World History.
B.A. Part I (Political Science) By completion of this course students will be able- 1) To understand the rights of the President and the Governors 2) To understand the principles of the different Political Parties. 3) To understand the duties of Prime ministers and Cabinet. 4) To understand the function of opposite Parties. 5) To understand the duties and rights of the parliament and Supreme Court.	**B.A. Part II (Political Science)** By completion of this course students will be able- 1) To understand the administration and laws of England, America and China. 2) To understand the Presidential and Parliamentary Democracy. 3) To understand the political happening of SAARC and Other countries. 4) To understand the structure and function of united nation Organizations (UNO).	**B.A. Part III (Political Science)** By completion of this course students will be able- 1) To understand Ways to make the democracy successful. 2) To understand Western and Indian Political thoughts. 3) To understand the concept of state of Mahatma Gandhi and Aristotle 4) To understand the nationalist thought of Vivekananda. 5) To understand the principles of democracy of Bejhot, Abraham Lincoln and Dr. B.R.Ambedkar.
B.A. Part I (Economics) By completing this course, students will be able 1) To get the knowledge of the basic principles of Economics. 2) To get the knowledge of the basic concepts in Economics. 3) To get the knowledge of the demand supply and market structure. 4) To learn the nature of Maharashtra Economy.	**B.A. Part II (Economics)** By completing this course, students will be able 1) To know the basic concept and theories of Macro Economics. 2) To learn the structure of Indian Banking System. 3) To get the information of the role of RBI in Indian economy. 4) To learn the information of the role IMF, World Bank, WTO in Indian Economy.	**B.A. Part III (Economics)** By completing this course, students will be able:- 1) To learn the basic concept and theories in Demography Science. 2) To get the knowledge of Indian Population issues. 3) To learn the structure of Indian Economy. 4) To get the knowledge of the basic economic problems and their solution in Indian Economy.

	4) To get the knowledge of the employment and inflation theories.	5) To learn the concept of Environment.

B.Com. PROGRAM OUTCOMES (POs)

After the completion of B. Com. program the students are able to:

PO1. Acquire basic and fundamental knowledge and skills for doing business and commercial activities of their choice.

PO2. To develop Numerical ability.

PO3. Acquire the accounting knowledge, management principles, retail trading, banking and insurance transactions, business economics and financial management.

PO4. Acquire knowledge in the field of management accounting, corporate accounting, statistical and mathematical techniques and knowledge relating to corporate law and business laws.

PO5. Do a business of their choice or choosing a profession or can become employees having basic knowledge and skill required for such activities.

B.Com. PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO 1: The students can get the knowledge, skills and attitudes during the end of the B.com degree course.

PSO 2: By goodness of the preparation they can turn into a Manager, Accountant, Management Accountant, Cost Accountant, Bank Manager, Auditor, Company Secretary, Teacher, Professor, Stock Agents and Government employments and so on.

PSO 3: Students will prove themselves in different professional exams like C.A., C S, CMA, MPSC, UPSC as well as other courses.

PSO 4: The students will acquire the knowledge, skill in different areas of communication, decision making, innovations and problem solving in day to day business activities.

PSO 5: Students will gain thorough systematic and subject skills within various disciplines of finance, auditing and taxation, accounting, management, communication, computer.

PSO 6: Students can also get the practical skills to work as accountant, audit assistant, tax consultant, and computer operator as well as other financial supporting services.

PSO 7: Students will learn relevant Advanced accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.

PSO 8: Students will be able to do their higher education and can make research in the field of finance and commerce.

B.Com. COURSE OUTCOMES (COs)

SEM I COMPUTER FUNDAMENTAL AND OPERATING SYSTEM –I To impart basic knowledge about Computer, Word Processing, Fundamentals of Computer, Computer Organization, Memory organization of Computer, Concept, Types, Input / Output Devices, Word Processing Formatting Document. SEM I PRINCIPLES OF ECONOMICS To impart Economic Laws , Nature, Characteristics, Limitation & Importance, Utility Approach, Elasticity of Demand, Production Function, Cost and Revenue. SEM I ADVANCED ACOOUNTANCY To impart basic Accounting Knowledge as applicable to business, Accounting Transactions, Rectification of errors, Sub-sidiary Book, Cash Book, Depreciation Methods, Bank Reconciliation statement.	SEM - III COMPANY ACCOUNTS This course enable the students to develop awareness about company account, Issue, forfeiture and Re-issue of Shares, Final Accounts of company, Profit prior to Incorporations, Amalgamation of Company, Absorption of Company SEM - III BUSINESS MATHEMATICS The objective of this course is to enable the students to have such minimum knowledge of Mathematics, Natural Numbers, Integers H.C.F. & L .C.M. , Linear Equation , Percentage, Discount, Commission and Brokerage, Average, Profit and Loss Mathematics of Finance, Simple Interest, Compound Interest, Ratio and Proportion, Ratio and percentage, Concept of proportion, Simple and Compound proportion, Direct and inverse proportion. SEM-III AUDITING To impart Meaning of Auditing, Objectives & Advantages, Types of	SEM V COST ACCOUNTING This course exposes the students to the basic concepts and tools used in Cost Accounting and provide an understanding of the applications of Cost Accounting techniques for determination of cost of production. SEM V BUSINESS ENVIRONMENT The contents herein intend to develop the ability to understand and interpret sector wise business environment of India. SEM V BUSINESS REGULATORY FRAMEWORK To help the students to understand the concept of business Laws and it's applications in business regulation. SEM V PROCESS BUSINESS I The course aims to educate the students with the different factors which effect business. This course aims to develop ability to understand and scan business environment as well as process in order to analyses the opportunities and take

SEM I PRINCIPLES OF BUSINESS ORGANIZATION

To impart Commerce and Industry, Business, Merger and Acquisition, New Enterprises, Trade In India.

SERM II COMPUTER FUNDAMENTAL AND OPERATING SYSTEM –II

To impart basic knowledge about Computer, MS-Word Processing 2007 and MS-PowerPoint 2007, Operating System Basics, Operating System [Advance], Modern communications, Word Processing working with Table and Graphics, PowerPoint Presentation

SEM II BUSINESS ECONOMICS

To impart Business and Managerial Economics, Market Structure, Factors Pricing.

SEM II FINANCIAL ACCOUNTING

To develop conceptual understanding of fundamentals of financial accounting system and to impart skills in accounting for various kinds of business transaction, Accounts of Non-trading Institutions, Special Accounting Areas : Accounts of Co-operative societies, Accounting for Agriculture Farms, Hire purchases & Installment purchase Accounts, Insolvency Account of and Individuals, Laws of insolvency- Provisions for preferential creditors, Meaning of insolvency, Procedure of insolvency, Problems on Insolvency Accounts.

SEM II PRINCIPLES OF BUSINESS MANAGEMENT

To impart Management Concept, Planning, Organizing, Directing, Controlling.

Audit, commencement of business audit, Internal Check system, Audit program, Routine checking and Vouching, Verification and Valuation of Assets and liabilities, Company Auditor, Appointment, Power, duties, Liabilities, Audit of Divisible Profit, Dividend, Audit Report, Types of Report, Audit of Banking, Insurance & Educational Institutions.

SEM-III MONETARY SYSTEM

To impart Barter System of Exchange and its Problems, Definition and Nature of Money, Functions and Importance of Money, Kinds of Money, Price Fluctuations, Money Market and Capital Market.

SEM-III Information Technology & Business Data Processing-I

The objective of this course is to familiarize with basics of Information Technology and use of Spreadsheet Package for Business Data Processing

SEM- IV CORPORATE ACCOUNTING

This course enable the students to develop awareness about corporate accounting.

SEM IV BUSINESS STATISTICS

The objective of this course is to enable the students to have such minimum knowledge of Statistics.

SEM IV INCOME TAX

To know Basic concepts, Computation of Income, Income from other sources, Income Tax Authorities and Return of income.

SEM-IV Information Technology & Business Data Processing-II

The objective of this course is to familiarize with basics of Database, Database management System and use of Accounting Package for Business Data Processing.

decisions under the uncertainty.

SEM V CO-OPERATIVE BUSINESS I

To grasp the historical development of Co-operatives in India. To Understand and appreciate theoretical development of the co-operative enterprises in India. To appreciate role and relevance of co-operatives in the present economic environment. To develop understanding and insight in co-operative development.

SEM V INTERNET WORLD WIDE WEB I

The course aims at familiarizing the students with the basic concepts and ground rules of Internet and the various services it offers including designing of website and how to access information from depositories in the world wide web.

SEM V E-COMMERCE

The objective of the course is to familiarize the students with the essentials of internet based e-commerce and to make them comprehend its practical aspects as well as growth potential of ecommerce in India.

SEM VI MANAGEMENT ACCOUNTING

This course exposes the students to the basic concepts and tools used in Management Accounting. To provide an understanding of the applications of Management Accounting techniques for management decision making.

SEM VI ECONOMICS OF DEVELOPMENT

To provide an insight into various growth models and their applicability in present scenario.

SEM VI COMPANY LAW

The course exposes to Incorporation of company, Share capital of company, Securities Market, Company Secretary and Company meetings.

SEM VI INTERNET AND WORLD WIDE WEB II

The course aims at familiarizing the students with the basic concepts and ground rules of Internet and the various services it offers including designing of website and how to access information from depositories in the world wide web.

SEM VI E-COMMERCE II

The objective of the course is to acquaint the students with the internet-based e-commerce business models, internet marketing and e-governance.

B.Sc. PROGRAM OUTCOMES (POs)

After the completion of B. Sc. program the students are able to:

PO1. Develop scientific temperament and attitude.

PO2. Inculcate the qualities like observation, precision, analytical mind, logical thinking, clarity of thought and expression, systematic approach.

PO3. Handle the unexpected situation by critically analyzing the problem.

PO4. Extract information, formulate and solve problems in a systematic and logical manner.

PO5. Perform the jobs in diverse fields such as science, engineering, industries, survey,

education, banking, development-planning, self-business etc. efficiently.

B.Sc. PROGRAM SPECIFIC OUTCOMES (PSOs)

B.Sc. (Chemistry)

A student of B.Sc. studying Chemistry is expected to:

PSO1: Acquire basic knowledge of chemistry.

PSO2: Gain knowledge of various principles governing chemical reactions which are important in industry and daily life.

PSO3: Understand fundamental and basic concepts of organic, in-organic, physical and analytical chemistry.

PSO4: Acquire knowledge of mechanistic approach of various organic and inorganic reactions.

PSO5: Be competent to apply practical aspects of chemistry by means of qualitative, quantitative and instrumental methods.

B.Sc. (Botany)

A student of B.Sc. studying Botany is expected to:

PSO1: Be able to develop knowledge about Characteristics of bacteria, viruses, and fungi.

PSO2: Be able to identify the major groups of organisms with an emphasis on plants.

PSO3: Be able to compare and contrast the characteristics of plants, algae, fungi, Bryophyte

PSO4: Be able to explain how organisms function at different levels.

PSO5: Be able to explicate the ecological interconnectedness of life on earth.

B.Sc. (Zoology)

A student of B.Sc. studying Zoology is expected to:

PSO1: Acquire knowledge about various Phyla in animal kingdom.

PSO2: Gain knowledge of life and diversity of nonchordata and chordata. **PSO3**: Acquire knowledge of basics of cell and developmental biology.

PSO4: Understand the concepts in animal physiology and animal ecology.

PSO5: Acquire knowledge of an essence of molecular biology and biotechnology

B.Sc. (Physics)

A student of B.Sc. studying Physics is expected to:

PSO1: To acquire core knowledge of major topics of physics.

PSO2: Gain competence in communication skills for communicating physics phenomenon and basic principles.

PSO3: Gain knowledge of the ways and methods to design and conduct an experiment demonstrating various physics concepts.

PSO4: To realize impact of physics and science on overall development of the society and develop an understanding of the impact of physics and science on society.

PSO5: To apply the conceptual understanding of the physics to general real world situations.

B.Sc. (Computer Science)

A student of B.Sc. studying Computer Science is expected to:

PSO1: Acquire fundamentals of Computer Science, Component of Computer, generation of computer, types of computer.

PSO2: Learn web page design using HTML.

PSO3: Learn programming languages such as C, C++, vb to design small application programmes.

PSO4: Learn various database, design of database, Structure query language.

PSO5: Learn concepts of programming in PL/SQL.

B.Sc. COURSE OUTCOMES (COs)

SEM I PHYSICS

1. Able to understand the terminology used in Classical Mechanics, Planetary motion, Gravitational laws, Simple harmonic motion, wave motion, Elasticity & Kinematics of moving fluids.
2. Ability to employ conceptual understanding to make predictions, and then approach the problem mathematically.
3. Ability to understand the important connections between theory and experiment.

SEM I CHEMISTRY

1) Ability to understand periodicity in properties of main group elements and

SEM III PHYSICS

1. Knowledge of the concepts in Mathematical Physics and Elecrostatics, Magnetostatics and Electrodynamics (Maxwell's Equation, Solid State Electronics Devices- Physics of semiconductors, Electronic devices- like: BJT, FET, Op-Amp etc., Special Theory of Relativity, Atmosphere and Geophysics.
2. Understanding importance of these concepts and phenomena in real life practices.

SEM III CHEMISTRY

Knowledge of - 1) Postulates and application of MO theorist application of MO theory for simple homonuclear

SEM V PHYSICS

1. Knowledge of the basics of the Origin of Quantum Mechanics, Development of Schrödinger's equation, Atomic and Molecular Spectroscopy, Nuclear Physics, introduction to Hybrid parameters and Amplifiers, feedback and oscillators.
2. Understanding importance of these concepts and connection between theory & practical and applications to practical devices & systems.

SEM V CHEMISTRY

Knowledge of - 1) Various theories of bonding for coordination compounds like Werners, VBT, CFT

2) Isoemrism and electronic spectra of

ionic bonding
2) Ability to understand electronic displacement effects, reactive intermediates and chemistry of aliphatic and aromatic hydrocarbons 3) Knowledge of the fundamentals of thermodynamics and Kinetic theory of gases.
4) Knowledge of phase rules and its application to one component system.

SEM I BOTANY

After completion of this Course, the student are able to develop the following outcomes:
1. Students are expected to familiarize with the morphological and systematic knowledge about different plant groups including Algae, fungi, Bryophyte and Pteridophyte etc. They are be able to make use of this knowledge for detailed study in other disciplines.
2. The study are able to know about different algal and fungal groups around them, their symbiotic association, and economic importance.
3. Students are able to distinguish between different Taxa of Mastigomycotina, Ascomycota, Basidiomycota and Deuteromycotina. They will be become familiar with edible and poisonous fungi and their association with trees. 4. Understanding the role of microbes in different field. 5. Industry, Food and Agriculture etc. 6. The students are able to understand the vast diversity of bacteria and Viruses in relation to Structure, nutrition and Reproduction

SEM I ZOOLOGY

Knowledge of the basic knowledge of Animal Kingdom through its classification and evolution of life. They will also learn various systems organized through a well-controlled and developed mechanism.

SEM I COMPUTER SCIENCE

Knowledge of the fundamentals of Computer such as Block Diagram of Computer, I/O devices, Memory and its types and basics of OS, Network, types of Network, Network Topology, Internet and fundamentals of programming languages, types of languages, executable statements. They are able to write the algorithms, draw flowcharts and develop programs in c.

SEM II PHYSICS

1. Knowledge of the concepts in Kinetic theory of Gases, Thermodynamics, Liquefaction of Gases, Motion of Charged Particles in Electric and Magnetic fields, Electrical Network Theorems & ac current.
2. Understanding importance of these topics in real world.

SEM II CHEMISTRY

Knowledge of - 1) rules of polarizability and concept of covalent bonding. 2) Theories of acids and bases.
3) Chemistry of p-block elements
4) Chemistry of non-aqueous solvents and hetero-nuclear diatomic molecules.
2) Metallic bonding and VSEPR theory for molecular structure.
3) Theory of volumetric and gravimetric quantitative analysis.
4) Organic chemistry of aldehydes, ketones, and carboxylic acids.
5) Stereochemistry of organic compounds especially optical, geometrical and conformational isomerism.
6) Thermodynamic equilibrium with reference to Gibbs and Helmholtz free energy.
7) Phase equilibria for partially miscible and immiscible liquids
8) Surface tension, Viscosity and electrolytic conductance measurements and application.

SEM III BOTANY

1. Knowledge of the history of Plant Systematics and its role in classification. They are able to make use of this knowledge for the identification and grouping of different plants based on the anatomy.
2. Knowledge of classification on the basis of anatomical difference into different groups.
3. Knowledge of the basic anatomical concepts of Primary Structure of Root, Stem, Leaf and Flower. They will be able to discuss the idea of secondary growth.
4. Ability to understand the Tissues Arrangement in Root, Stem, Leaf and Secondary Plant Body.
5. Knowledge about formation of male and Female gametes, their fusion, development of embryo, formation of seed and endosperm.

SEM III ZOOLOGY

Life And Diversity Of Chordata And Concept. In addition to this, To learn evolution of life from a unicellular life to a multicellular organism.

SEM IV PHYSICS

1. Knowledge of the concepts in Geometrical optics and interference, Diffraction, Polarization.
2. Knowledge of conceptual ideas of Laser, fiber optics & basics of the Renewable Energy Source.

SEM IV CHEMISTRY

Knowledge of - 1) Chemistry of d-block and f-block elements.
2) Principles involved in extraction of elements and general principles of metallurgy
3) Chemistry of poly-nuclear hydrocarbon, reactive methylene compounds and carbohydrates
4) Chemistry of nitro and amino compounds
5) Colligative properties and Crystal state.

SEM IV BOTANY

1. On successful completion of this course students are able to describe, apply and integrate the basic concepts of Cell Biology Genetics and Biochemistry, Structure and Functions of different Organelles.
complexes.
3) Chemistry of heterocyclic and organometallic compounds.
4) Chemistry of dyes, drugs and pesticides.
5) Principles of photochemistry, quantum yield and luminescence.
6) Principles of molecular spectroscopy.

SEM V BOTANY

1. Advance knowledge about plant water relation, physiology, metabolism and ecology.
2. Understanding about the plant response to different stimuli and plant movement.
3. Understanding plant growth mechanism, role of growth hormones in plant development.
4. Knowledge of various factor of environment and their impact on plant growth and development.
5. Understanding the structure and function of ecosystem.

SEM V ZOOLOGY

Animal Physiology And Economic Zoology. Mechanism of working. They will also learn applied and economic aspects of modern zoology by studying various cultures in the field of agriculture and aquaculture.

SEM VI PHYSICS

1. Understands the basics of the Statistical Mechanics, MB, BE & FD Statistical distributions, Crystallography, Electrical properties & magnetic properties of the materials, Nanoscience & nanotechnology and Superconductivity.
2. Understanding connection between theory & practical. 3. Competence regarding practical applications of these concepts in real world.

SEM VI CHEMISTRY

Knowledge of - 1) Kinetic Aspects of Metal Complexes
2) Spectrophotometry, Calorimetry and chromatographic analytical methods.
3) Chemistry of metal carbonyls, inorganic polymers and essential elements.
4) UV, IR, NMR and Mass spectroscopy for structure elucidation of organic compounds.
5) Elementary quantum mechanics and Schrodinger wave equation.
6) Electrochemical Cells and principles of nuclear chemistry.

SEM VI BOTANY

1. Knowledge about genetic material i.e. DNA, RNA etc.
2. Understanding about the recombinant DNA technology, protein synthesis, protein sorting, cloning techniques to construct genomic libraries and a broad view about cloning vector types and strategies.
3. Knowledge about parameters involved in gene transfer techniques. 4. Ability to understand the different techniques used in Plant Tissue Culture including Plant Micro propagation, Callus and Suspension Culture and

5) Chemistry of organic compounds conating halogen and oxygen like alkenyl and aryl halides, alcohols, ethers, epoxides and phenol. 6) Physical properties and relation to molecular structure. 7) Fundamentals of chemical kinetics. **SEM II BOTANY** 1. After studying this course students develop better understanding of the Concept of Fossilization. Students will be expected to know about the general characteristics of Gymnosperms and their affinities with Pteridophyte and Angiosperms. 2. Through this course students will get the better opportunity to understand the plants taught in theory, their morphological features through preserved specimens and slides. 3. Students would get the knowledge about all morphological parts of the plant. 4. Students also get knowledge about utilization of plants in spices, timber. **SEM II ZOOLOGY** Ability to understand basics and fundamentals of life by studying cell, its organelles and their functions. They will also learn preliminary ideas of fertilization and development of life.	2. Understanding the structure, types and aberration of chromosome. 3. Understanding gene interaction and develop skill to solve genetic problem 4. Knowledge about gene mutation, linkage and crossing over etc. 5. Understand different types of enzyme and their mechanism of action. 6. Awareness about Structural and Functional Strategies of Biomolecule like Carbohydrate. **SEM IV ZOOLOGY** Ability to understand modern and advance developments in the field of genetics; biotic and abiotic factors with their interaction to ecosystem.	their Applications. 5. Understanding about the functioning of various equipment's used in Tissue Culture Work. **SEM VI ZOOLOGY** Ability to 1. Have knowledge about genetic material i.e. DNA, RNA etc. 2. to have an understanding about the recombinant DNA technology, protein synthesis, protein sorting, cloning techniques to construct genomic libraries and a broad view about cloning vector types and strategies. 3. Have knowledge about parameters involved in gene transfer techniques. 4. Know the different techniques used in Animal Tissue Culture and their Applications. 5. Understand the functioning of various equipment's used in Tissue Culture Work.

Students' representative on various Committee's

ARTS & COMMERCE COLLEGE,
WARVAT BAKAL

The following Committees have been formed for the session **2020 - 2021** vide resolution no. 02 in the College Council Meeting held on 26/06/2020.

1. ADMISSION COMMITTEE
i) Dr.Subhash Gurjar(Convener)
ii) Dr.Suresh Bhaltadak
iii) Prof. Santosh Mhasal

2. TIME TABLE COMMITTEE
i) Dr. Subhash Pawar (Convener)
ii) Dr. Satish Rane
iii) Dr. Sanjay Tale
vi) Prof. Nityanand Dahake
v) Dr. Megha Solanke
vi) Prof. Anand Dhundale

3. CULTURAL PROGRAMMES COMMITTEE
i) Prof. Nishigandh Satav (Convener)
ii) Prof. Gajanan Paikat
iii) Prof. Kiran Sable
iv) Dr. Nandkishor More
v) Prof. Nagesh Ingle
v) Prof. Sonali Tayde
vi) Ku. Ashvini Patil (Student)
vii) Ku. Shital Chhalkar (Student)

4. EXAMINATION COMMITTEE
i) Prof. Anand Dhundale (Convener)
ii) Dr.Dnyaneshwar Sherkar
iii) Dr. Vijayanand Ingle
iv) Dr. Sanjay Tale
v) Dr. Madhuri Hingankar

5. STUDENTS' Development Cell
i) Dr. Subhash Gurjar (Convener)
ii) Prof. Nilesh Shelke
iii) Prof. Suresh Bhaltadak
iv) Akash Bajare (Student)
v) Ku. Jayashri Wankhade (Student)

6. DISCIPLINE COMMITTEE
i) Prof. Gajanan Paikat (Convener)
ii) Dr. Kishor Theng
iii) Dr. Megha Solanke
iv) Prof. Santosh Mhasal
v) Dr. Sanjay Tale

7. EXCURSION COMMITTEE
i) Dr. Rajendra Korde (Convener)
ii) Dr. Satish Rane
iii) Dr. Nandkishor More
iv) Prof. Anand Dhundale
v) Dr. Megha Solanke
vi) Mangesh Nimkarde (Student)
vii) Ku. Ankita Gomase (Student)

8. ATTENDANCE COMMITTEE
i) Prof. Santosh Mhasal(Convener)
ii)Prof. Suresh Bhaltadak
iii) Dr. Satish Rane
iv) Dr. Sushil Deshmukh
v) Prof. Kiran Sabale

9. CONFERENCE AND SEMINAR COMMITTEE
i) Dr. Subhash Gurjar (Convener)
ii) Dr. Rajendra korde
iii) Dr. Subhash Pawar
iv) Prof. Nishigandh Satav
v) Dr. Sanjay Tale
vi) Prof. Nityanand Dahake

10. STUDENTS' REDRESSAL COMMITTEE
i) Prof. Gajanan Paikat (Convener)
ii) Prof. Sunil Makode
iii) Dr. Vijayanand Ingle
iv) Dr. Madhuri Hingankar
v) Ku. Vaishnavi Karankar (Student)
vi) Hrushikesh Ghenge (Student)

11. MAGAZINE COMMITTEE
i) Prof. Nagesh Ingle (Convener)
ii) Prof. Santosh Mhasal
iii)Dr. Dnyaneshwar Sherkar
iv) Prof. Anand Dhundale
v) Prof. Suresh Bhaltadak
vi) Ku. Punam Rajankar (Student)
vii) Mangesh Nimkarde (Student)

12. GUARDIAN TEACHERS' COMMITTEE
i) Prof.Sunil Makode (Convener)
ii) Prof. Gajanan Paikat
iii) Dr. Megha Solanke
iv) Prof. Suresh Bhaltadak
v) Dr. Kishor Theng

13. ANTI – RAGGING COMMITTEE
i) Prof. Gajanan Paikat (Convener)
ii)Dr. Subhash Gurjar
iii) Dr. Subhash Pawar
iv) Dr. Megha Solanke
v) Prof. Kiran Sabale
vi) Ku. Radha Banherkar (Student)
vii) Vijay Jadhao (Student)

14. FEEDBACK COMMITTEE
i) Dr. Subhash Pawar (Convener)
ii)Prof. Sunil Makode
iii) Dr. Nandkishor More
iv) Dr. Sanjay Tale

15. SEXUAL HARASSMENT & VIOLENCE AGAINST WOMEN COMMITTEE
i)Dr. Megha Solanke (Convener)
ii) Dr. Madhuri Hingankar
iii) Prof. Sonali Tayade
iv) Ku. Vaishnavi Tayade (Student)
v) Ku. Chanchal Akotkar (Student)

16. PHYSICAL EDUCATION COMMITTEE
i) Prof. Gajanan Paikat (Convener)
ii) Dr. Sushil Deshmukh
iii) Prof. Suresh Bhaltadak
iv) Dr. Dnyaneshwar Sherkar
v) Shiva Dange (Student)
vi) Ku. Vaishnavi Satote (Student)

17. COMPETITIVE FORUM &PLACEMENT COMMITTEE
i) Dr. Subhash Pawar (Convener)
ii) Dr. Subhash Gurjar
iii) Dr. Nandkishor More
iv) Prof. Santosh Mhasal
v) Prof. Suresh Bhaltadak
vi) Dr. Sanjay Tale
vii) Dr. Vijayanand Ingale
viii) Ku. Jayashri Wankhade (Student)
ix) Ku. Pallavi Damodar (Student)

18. PROSPECTUS COMMITTEE
i) Mr. Ajay Chopade (Convener)
ii) Dr. Subhash Gurjar
iii) Dr. Subhash Pawar
iv) Prof. Nishigandh Satav
v) Ku. Manisha Dhule (Student)
vi) Ku. Anushri Jalamkar (Student)

19. CERTIFICATE COURSES COMMITTEE
i) Dr. Subhash Pawar (Convener)
ii) Prof. Nityanand Dahake
iii) Dr. Satish Rane
iv) Dr. Kiran Sable
vi) Dr. Sanjay Tale
vii) Prof. Nilesh Shelke

20. API COMMITTEE
i) Prof. Nishigndh Satav (Convener)
ii) Dr. Subhash Pawar
iii) Dr. Subhash Gurjar
iv) Dr. Sanjay Tale
v) Prof. Nityanand Dahake

21. PURCHASE COMMITTEE
i) Dr. Rajendra Korde (Convener)
ii) Prof. Nishigandh Satav
iii) Prof. Santosh Mhasal
iv) Mr. Ajay Chopade

22. DOCUMENTATION COMMITTEE
i) Dr. Nandkishor More (Convener)
ii) Prof. Nagesh Ingle
iii) Dr. Nilesh Shelke
iv) Dr. Sanjay Tale

Arts & Commerce College Warvat Bakal

The following Committees have been formed for the session **2021 - 2022** vide resolution no. 04 in the College Council Meeting held on 09/08/2021.

1. ADMISSION COMMITTEE i) Dr. Subhash Gurjar (Convener) ii) Dr. Satish Rane iii) Dr. Nandkishor More iv) Dr. Kishor Theng	**8. ATTENDANCE COMMITTEE** i) Prof. Nityanand Dahake (Convener) ii) Prof. Suresh Bhaltadak iii) Prof. Nishigandh Satav iv) Dr. Sushil Deshmukh v) Dr. Vijayanand Ingle
2. TIME TABLE COMMITTEE i) Dr. Subhash Pawar (Convener) ii) Dr. Satish Rane iii) Dr. Sanjay Tale vi) Prof. Nityanand Dahake v) Dr. Megha Solanke vi) Prof. Anand Dhundale	**9. CONFERENCE AND SEMINAR COMMITTEE** i) Dr. Subhash Gurjar (Convener) ii) Dr. Rajendra korde iii) Dr. Satish Rane iv) Prof. Santosh Mhasal v) Dr. Megha Solanke vi) Prof. Nityanand Dahake
3. CULTURAL PROGRAMMES COMMITTEE i) Dr. Rajendra Korde (Convener) ii) Prof. Gajanan Paikat iii) Prof. Kiran Sable iv) Dr. Kishor Theng v) Prof. Nagesh Ingle v) Prof. Sonali Tayde vi) Vaishnavi Aswar B. Sc. II vii) Vaishnavi Ingle B. Com II	**10. STUDENTS' REDRESSAL COMMITTEE** i) Prof. Gajanan Paikat (Convener) ii) Prof. Sunil Makode iii) Dr. Sushil Deshmukh iv) Dr. Madhuri Hingankar v) Vaishnavi Karankar B. Sc. III vi) Rushikesh Ghonge B. A. III
4. EXAMINATION COMMITTEE i) Prof. Anand Dhundale (Convener) ii) Dr.Dnyaneshwar Sherkar iii) Dr. Vijayanand Ingle iv) Dr. Sanjay Tale v) Dr. Madhuri Hingankar	**11. MAGAZINE COMMITTEE** i) Prof. Nagesh Ingle (Convener) ii) Prof. Santosh Mhasal iii) Dr. Nandkishor More iv) Prof. Anand Dhundale v) Prof. Suresh Bhaltadak vi) Saurabh Kuchekar B.Sc. II vii) Akashay Munde B. A. III
5. STUDENTS' Development Cell i) Dr. Subhash Gurjar (Convener) ii) Dr. Kiran Sable iii) Dr. Sanjay Tale	**12. GUARDIAN TEACHERS' COMMITTEE** i) Prof. Sunil Makode (Convener) ii) Prof. Gajanan Paikat iii) Dr. Megha Solanke iv) Prof. Santosh Mhasal v) Prof. Sonali Tayade
6. DISCIPLINE COMMITTEE i) Prof. Gajanan Paikat (Convener) ii) Dr. Kishor Theng iii) Dr. Megha Solanke iv) Prof. Santosh Mhasal v) Dr. Sanjay Tale	**13. ANTI – RAGGING COMMITTEE** i) Prof. Gajanan Paikat (Convener) ii)Dr. Subhash Gurjar iii) Dr. Subhash Pawar iv) Dr. Megha Solanke v) Prof. Kiran Sabale
7. EXCURSION COMMITTEE i) Dr. Rajendra Korde (Convener) ii) Dr. Satish Rane iii) Dr. Nandkishor More iv) Prof. Sonali Tayade v) Dr. Megha Solanke vi) Ku. Ravina Gomase B. A. I vii) Rohit Nandhane B. Com.II	**14. FEEDBACK COMMITTEE** i) Dr. Sanjay Tale (Convener) ii) Prof. Sunil Makode iii) Dr. Dnyaneshwar Sherkar iv) Dr. Rajendra Korde

15. SEXUAL HARASSMENT & VIOLENCE AGAINST WOMEN COMMITTEE i) Dr. Megha Solanke (Convener) ii) Dr. Madhuri Hingankar iii) Prof. Sonali Tayade	**21. PURCHASE COMMITTEE** i) Dr. Rajendra Korde (Convener) ii) Prof. Nishigandh Satav iii) Prof. Santosh Mhasal iv) Mr. Ajay Chopade
16. PHYSICAL EDUCATION COMMITTEE i) Prof. Gajanan Paikat (Convener) ii) Dr. Sushil Deshmukh iii) Dr. Satish Rane iv) Dr. Dnyaneshwar Sherkar	**22. DOCUMENTATION COMMITTEE** i) Dr. Nandkishor More (Convener) ii) Prof. Nagesh Ingle iii) Dr. Nilesh Shelke iv) Dr. Sanjay Tale
17. COMPETITIVE FORUM &PLACEMENT COMMITTEE i) Dr. Nandkishor More (Convener) ii) Dr. Subhash Gurjar iii) Dr. Megha Solanke iv) Prof. Santosh Mhasal v) Prof. Suresh Bhaltadak vi) Dr. Sanjay Tale vii) Dr. Vijayanand Ingale viii) Renuka Bombatkar ix) Abhishekh Dhage	
18. PROSPECTUS COMMITTEE i) Mr. Ajay Chopade (Convener) ii) Dr. Subhash Gurjar iii) Dr. Subhash Pawar iv) Prof. Nishigandh Satav	
19. CERTIFICATE COURSES COMMITTEE i) Dr. Subhash Pawar (Convener) ii) Prof. Nityanand Dahake iii) Dr. Satish Rane iv) Dr. Kiran Sable vi) Dr. Sanjay Tale vii) Prof. Nilesh Shelke	
20. API COMMITTEE i) Prof. Nishigndh Satav (Convener) ii) Dr. Subhash Pawar iii) Dr. Subhash Gurjar iv) Dr. Satish Rane v) Prof. Nityanand Dahake	

Principal
Arts & Commerce College,
Warvat Bakal Dist.Buldana

Cleanliness drive were implemented in college campus on 24th July 2021

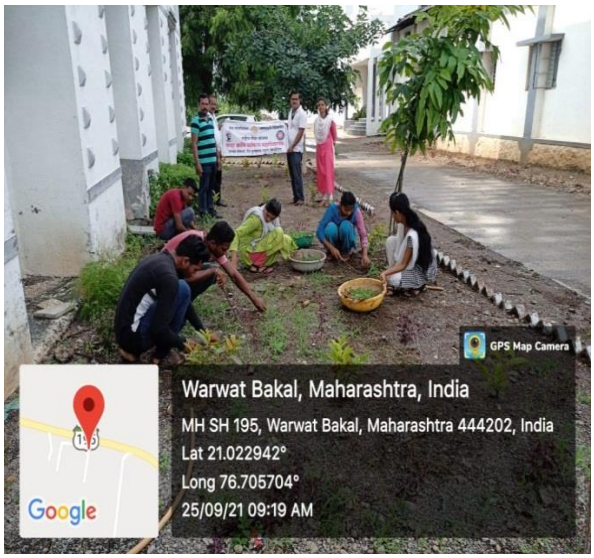
NCC cadets participated in cleanliness drive

Kargil victory day was celebrated in college campus on 26th July 2021

Cadets participated in Kargil victory rally

25th Sept 2021 in college campus

Digital Class Room



Campus cleaning on the occasion of NSS foundation day

Combined annual training camp was organized for NCC cadets in college campus on 21st Oct to 27th Oct 2021

Cadets in training session

Staff along with students at Banks premises

Bank visit were organized at Khamgaon urban bank, Warwat Bakal on 14th Feb 2020

Staff along with students at Banks premises

Field visit

Field visit to agricultural nursery on 15th March 2022.

Students with expertise during the practical session on vegetative propagation

Beneficiary with honorable Ex-MLA Shri Krushnaraoji Ingle, President of Satpuda education society.

Presidential address to the beneficiaries

Delicious lunch was offered to beneficiaries

"Spreading warmth with blanket distribution" program was organized on 21st Jan 2022 in college campus.

Student Participated in Avishkar

Seminars

GPS Map Camera
Warwat, Maharashtra, India
2PF4+47X, Warwat, Maharashtra 444202, India
Lat 21.022876°
Long 76.705675°
27/12/21 02:21 PM
Google

ZOO B.Sc II Sem IV Girls
only admins can send messages
Procedure of Barr body detection
1:07 pm
Hingankar Madam- 2
This message was deleted
5:00 pm
Hingankar Madam- 2
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BSc-II (semester-IV) ZOOLOGY
Sant Gadge Baba Amravati University Amr...
docs.google.com
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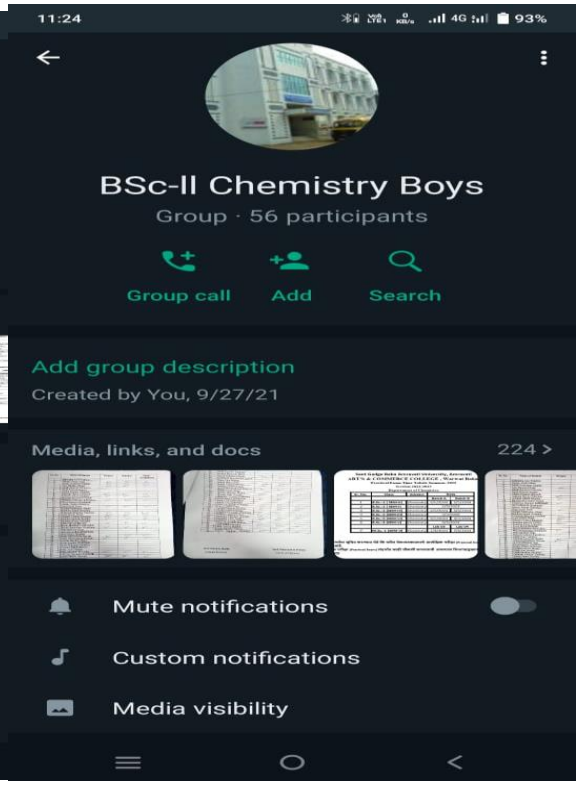
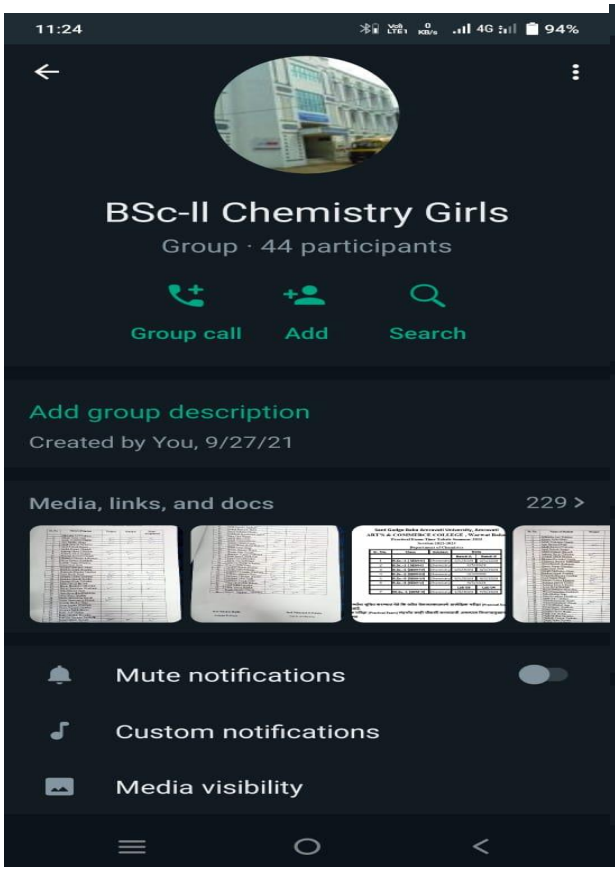
5:01 pm
Hingankar Madam- 2
Forwarded
सर्व विद्यार्थ्यांना सुचित करण्यात येते की आज दिनांक 24/04/2023 रोजी सायंकाळी 5.00pm ते 6.00pm या वेळेत तुमचा B.Sc. Part - II (Semester - IV)चा Zoology या विषयाचा पेपर आहे.
सर्व विद्यार्थ्यांनी आपले मोबाईल चार्ज करुन तसेच मोबाईल मध्ये इंटरनेट available आहे का नाही याची खात्री करून घ्यावी जेणेकरून परीक्षा सोडवताना अडचण येणार नाही.
तुम्हाला परीक्षेची लिंक 5 मी. अगोदर याच ग्रुप वर उपलब्ध होईल.
Message

ZOO B.Sc II sem IV Boys
only admins can send messages
2 pages • 0.98 MB • PDF
11:13 am
17 April 2023
Tayade Madam
Lecture sathi zoo lab madhe ya
11:28 am
46 Unread Messages
18 April 2023
Megha mam
Forwarded
Lecture sathi zoo lab madhe ya
11:01 am
Tayade Madam
All the students are hereby informed that we are going to conduct your seminar on this Friday and Saturday (21 and 22 April)...be prepare for seminar and send your ppt on our WhatsApp group.
3:32 pm
Also submit your project assignment and seminar script on tomorrow.
5:58 pm
19 April 2023
Megha mam
Forwarded
Time Table-S-2023.pdf
1 page • 832 kB • PDF
10:28 am
Message

11:25
93%
BSC Chemistry 2022-23
Broadcast List · 125 recipients
Created 12/15/22
Media, links, and docs
51 >
Encryption
Messages and calls are end-to-end encrypted. Tap to learn more.
125 recipients
Edit recipients
BSc Boy Abhijit Sasane
Mr ッ a b h i
BSc Boy Abhijit Wankhade


11:24
93%
BSc-II Chemistry Boys
Group · 56 participants
Group call
Add
Search
Add group description
Created by You, 9/27/21
Media, links, and docs
224 >
Mute notifications
Custom notifications
Media visibility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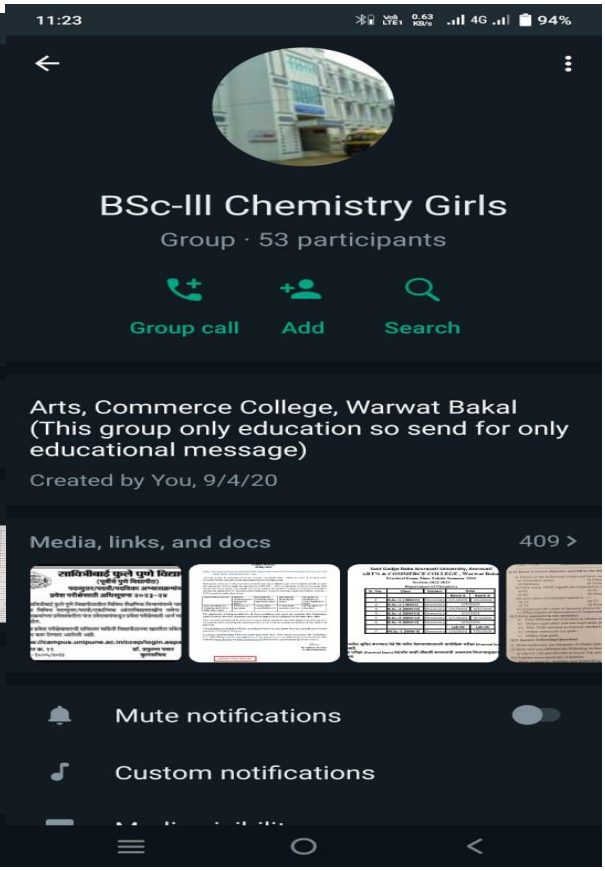
Media visibility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94%
BSc-III Chemistry Girls
Group · 53 participants
Group call
Add
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Arts, Commerce College, Warwat Bakal
(This group only education so send for only educational message)
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409 >
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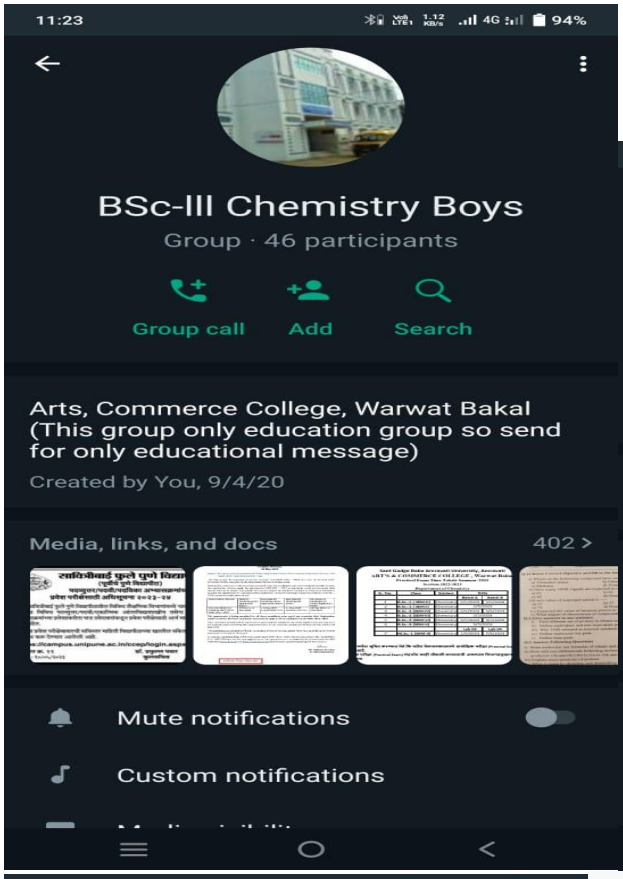
Custom notifications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BSc-III Chemistry Boys
Group · 46 participants
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402 >
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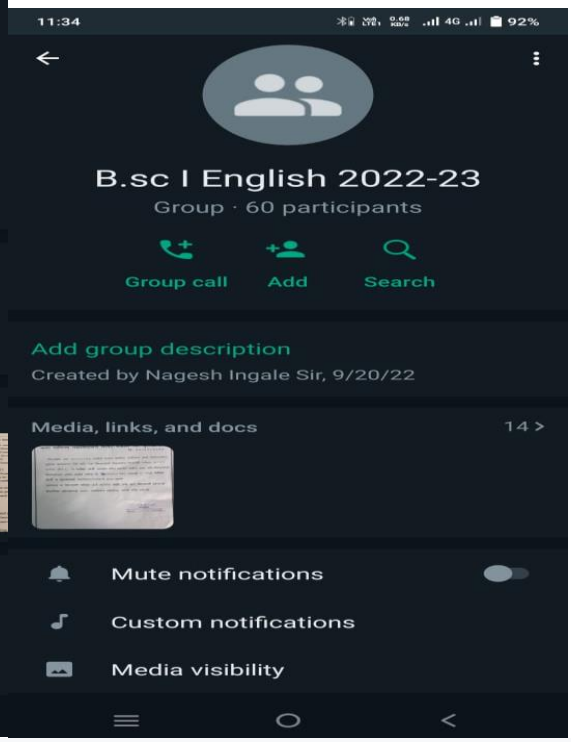
11:34
92%
B.sc I English 2022-23
Group · 60 participants
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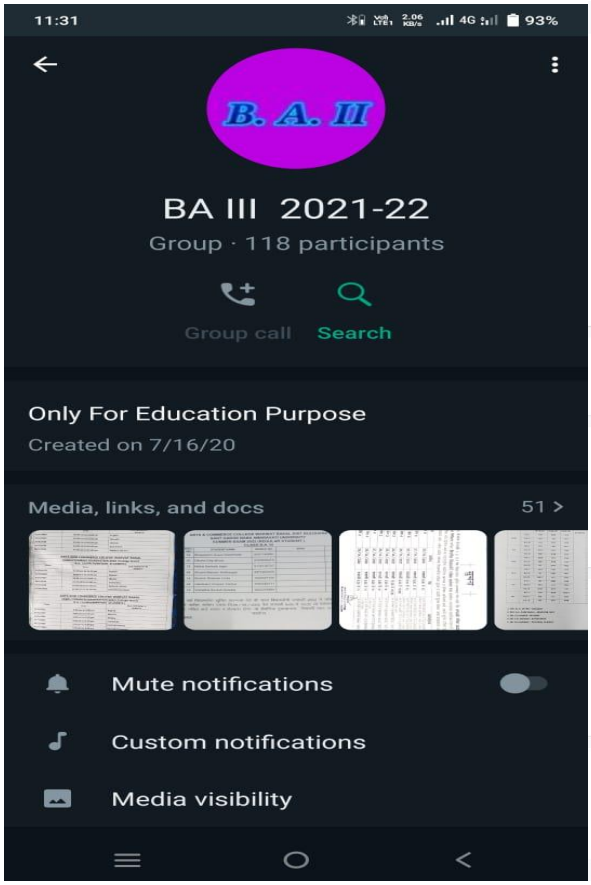
Mute notifications
Custom notifications
Media visibility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93%
B. A. II
BA III 2021-22
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Group call
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Only For Education Purpose
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51 >
Mute notifications
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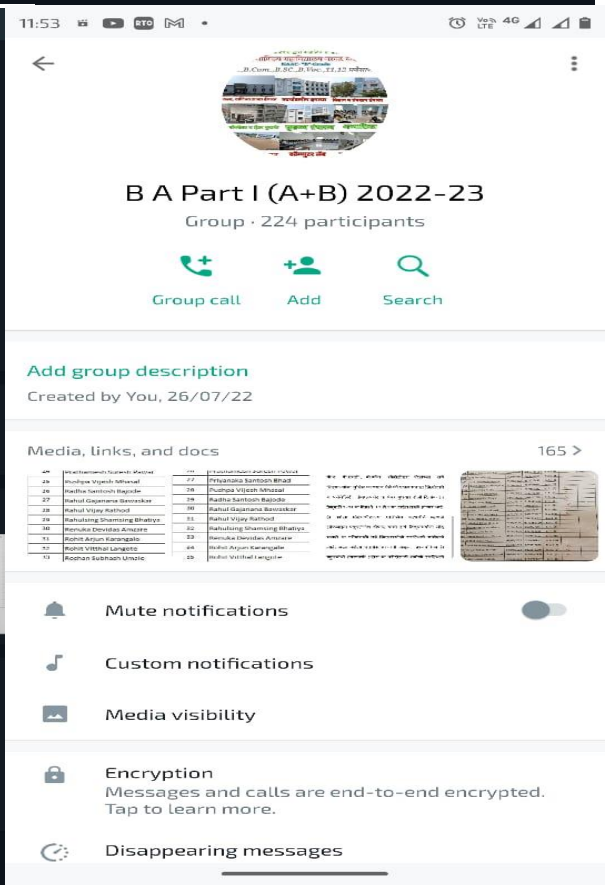
Media visibility


11:53
B A Part I (A+B) 2022-23
Group · 224 participants
Group call
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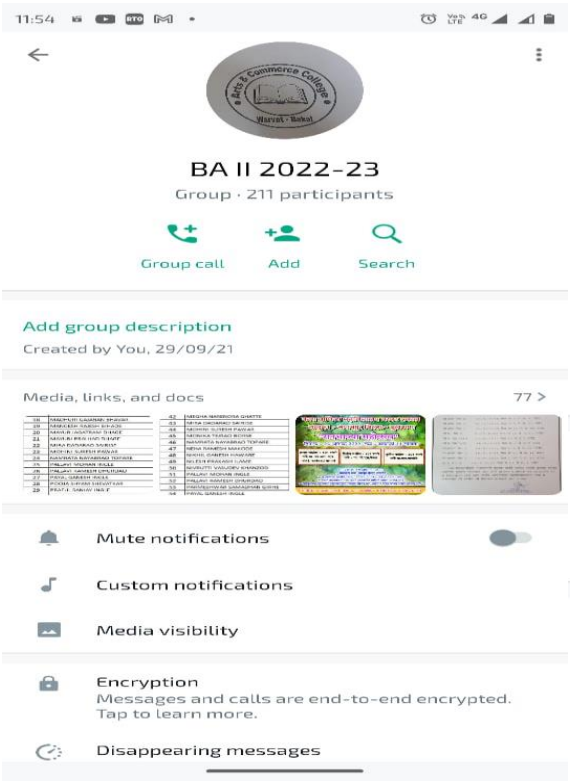
Media, links, and docs
165 >
Mute notifications
Custom notifications
Media visibility
Encryption
Messages and calls are end-to-end encrypted.
Tap to learn more.
Disappearing messages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BA II 2022-23
Group · 211 participants
Group call
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77 >
Mute notifications
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Media visibility
Encryption
Messages and calls are end-to-end encrypted.
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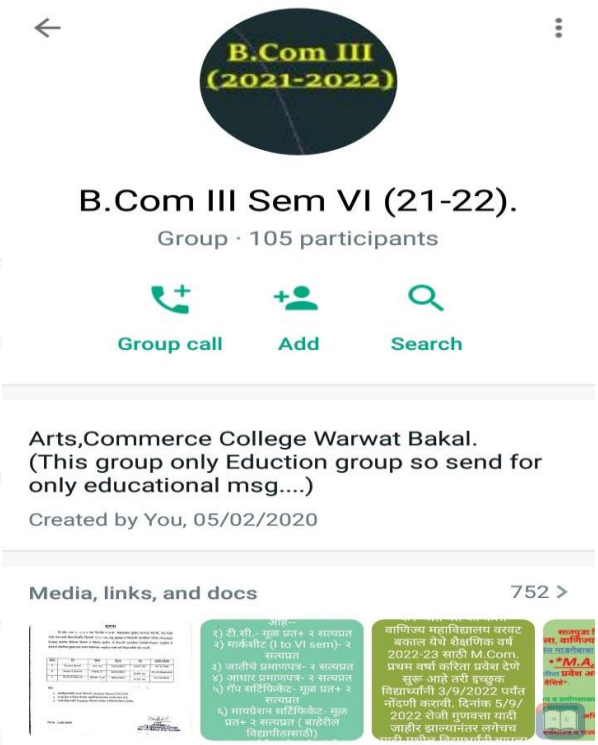
Disappearing messages


B.Com III
(2021-2022)
B.Com III Sem VI (21-22).
Group · 105 participants
Group call
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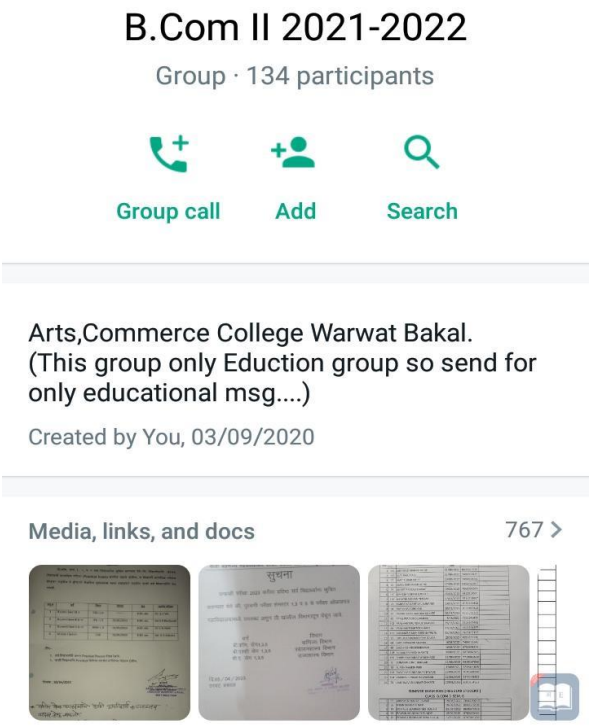
Search
Arts,Commerce College Warwat Bakal.
(This group only Eduction group so send for only educational msg....)
Created by You, 05/02/2020
Media, links, and docs
752 >


B.Com II 2021-2022
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Arts,Commerce College Warwat Bakal.
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Created by You, 03/09/2020
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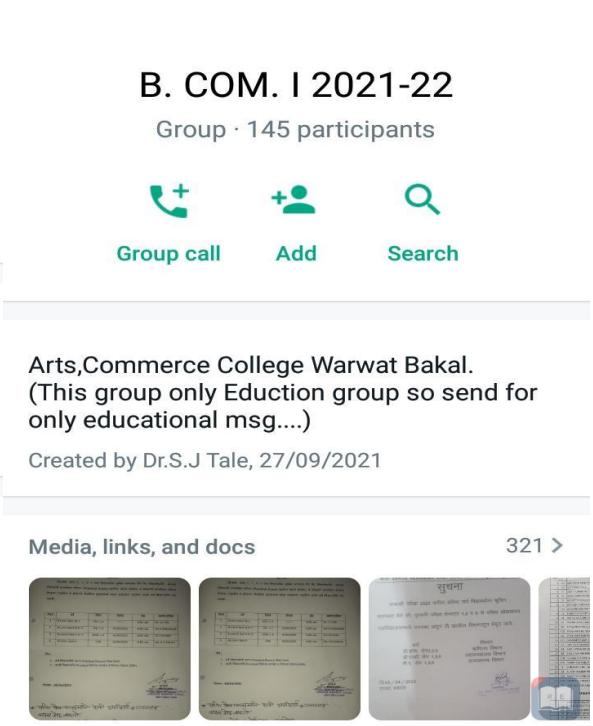
767 >


B. COM. I 2021-22
Group · 145 participants
Group call
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Arts,Commerce College Warwat Bakal.
(This group only Eduction group so send for only educational msg....)
Created by Dr.S.J Tale, 27/09/2021
Media, links, and docs
321 >

CONTINUOUS INTERNAL EVALUATION REPORT

(CIE REPORT)

(2017-18 TO 2021-22)

Continuous Internal Evaluation Report Last Five Years Link

Sr. No	Academic Year	Document Link
1	CIE 2017-18	https://acscwb.co.in/wp-content/uploads/2023/06/CIE-17-18.pdf
2	CIE 2018-19	https://acscwb.co.in/wp-content/uploads/2023/06/CIE-18-19.pdf
3	CIE 2019-20	https://acscwb.co.in/wp-content/uploads/2023/06/CIE-19-20.pdf
4	CIE 2020-21	https://acscwb.co.in/wp-content/uploads/2023/06/CIE-21-22.pdf
5	CIE 2021-22	https://acscwb.co.in/wp-content/uploads/2023/06/CIE-20-21.pdf