



AQAR 2023-2024

Criterion-II
TEACHING, LEARNING AND EVALUATION
QIM – 2.5.1

Mechanism of internal assessment is transparent and robust in terms of frequency and mode



Shri. Shivaji Education Society, Amravati's
**Mahatma Fule Arts, Commerce & Sitaramji
Chaudhari Science Mahavidyalaya, Warud.**



Dist. Amravati - 444 906 (07229) 232022

NAAC Reaccredited with "B" Grade CGPA 2.24 (IIIrd Cycle) (2021-2026)

President
Hon'ble Harshavardhan P. Deshmukh

Principal
Dr. Dilip V. Hande
M.Sc.(Botany), Ph.D., FMSI

Founder President
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M.A., D.Phil., L.L.D., Bar-At-Law

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Outer No. MFM/8/01/25

Date : 09/01/2025

Declaration

This is to certify that, the information, reports, true copies of the supporting documents, numerical data etc. furnished in this file are verified by our college IQAC and found correct.

Hence this certificate.

Criterion In-charge

Documentation Coordinator

IQAC

IQAC Coordinator:
Mahatma Fule Arts, Commerce and
Sitaramji Chaudhari Science
Mahavidyalaya, Warud, Dist. Amravati

Principal

Principal
Mahatma Fule Arts, Comm. & Sitaramji
Chaudhari Science Mahavidyalaya
Warud Dist. Amravati

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1. Link of SGB Amravati University, Amravati's examination process for Internal Examination

<https://www.sgbau.ac.in/Syllabus/syllabus.aspx>

<https://www.sgbau.ac.in/Examination/Aboutus.aspx>

2. Scan copies of direction for Internal Assessment.....4

1 Scan copies of direction for Internal Assessment

Appendix-A

Examination Scheme

विज्ञान स्नातक भाग-१

(B.Sc. Part-I) (Semester-I)

Sr. No.	Subject	Examination Scheme						Total Theory, Pract. & Int.Ass.
		Theory				Practical		
		Max. Mar. Theory Papers	Max. Marks Int. Ass.	Total	Min. pass Marks	Max. Marks Practical	Min. Pass Mar.	
1	Compulsory English	40	10	50	18	—	—	50
2	Languages	40	10	50	18	—	—	50
3	Mathematics (Paper-I)	60	15	150	54	—	—	150
4	Mathematics (Paper -II)	60	15			—	—	
5	Science subjects excluding Mathematics	80	20	100	35	50	18	150

Grand Total of Semester-I : 450+100

Appendix-B

विज्ञान स्नातक भाग-१

(B.Sc. Part-I) (Semester-II)

Sr. No.	Subject	Examination Scheme						Total Theory, Pract. & Int.Ass.
		Theory				Practical		
		Max. Mar. Theory Papers	Max. Marks Int. Ass.	Total	Min. pass Marks	Max. Marks Practical	Min. Pass Mar.	
1	Compulsory English	40	10	50	18	—	—	50
2	Languages	40	10	50	18	—	—	50
3	Mathematics (Paper-III)	60	15	150	54	—	—	150
4	Mathematics (Paper -IV)	60	15			—	—	
5	Science subjects excluding Mathematics	80	20	100	35	50	18	150

Grand Total of Semester-I : 450+100

Appendix-C

विज्ञान स्नातक भाग-२, सत्र ३
(B.Sc. Part-II) (Semester-III)

Sr. No.	Subject	Examination Scheme						Total Theory, Pract. & Int.Ass.
		Theory			Practical			
		Max. Mar. Theory Papers	Max. Marks Int. Ass.	Total	Min. Pass Marks	Max. Marks Practical	Min. Pass Mar.	
1	Mathematics (Paper-V)	60	15	150	60	—	—	150
2	Mathematics (Paper-VI)	60	15		—	—		
3	Science subjects excluding Mathematics	80	20	100	40	50	20	150

Grand Total of Semester-III : 450

Appendix-D

विज्ञान स्नातक भाग-२, सत्र ४
(B.Sc. Part-II) (Semester-IV)

Sr. No.	Subject	Examination Scheme						Total Theory, Pract. & Int.Ass.
		Theory			Practical			
		Max. Mar. Theory Papers	Max. Marks Int. Ass.	Total	Min. Pass Marks	Max. Marks Practical	Min. Pass Mar.	
1	Mathematics (Paper-VII)	60	15	150	60	—	—	150
2	Mathematics (Paper-VIII)	60	15		—	—		
3	Science subjects excluding Mathematics	80	20	100	40	50	20	150

Grand Total of Semester-IV : 450

Appendix-E

विज्ञान स्नातक अंत्य सत्र ५
(B.Sc. Final) (Semester-V)

Sr. No.	Subject	Examination Scheme						Total Theory, Pract. & Int.Ass.
		Theory			Practical			
		Max. Mar. Theory Papers	Max. Marks Int. Ass.	Total	Min. Pass Marks	Max. Marks Practical	Min. Pass Mar.	
1	Mathematics (Paper-IX)	60	15	150	60	—	—	150
2	Mathematics (Paper-X)	60	15		—	—		
3	Science subjects excluding Mathematics	80	20	100	40	50	20	150

Grand Total of Semester-V : 450

Appendix-F

विज्ञान स्नातक अंत्य सत्र ६
(B.Sc. Final) (Semester-VI)

Sr. No.	Subject	Examination Scheme						Total Theory, Pract. & Int.Ass.
		Theory			Practical			
		Max. Mar. Theory Papers	Max. Marks Int. Ass.	Total	Min. Pass Marks	Max. Marks Practical	Min. Pass Mar.	
1	Mathematics (Paper-VII)	60	15	150	60	—	—	150
2	Mathematics (Paper-VIII)	60	15		—	—		
3	Science subjects excluding Mathematics	80	20	100	40	50	20	150

Grand Total of Semester-VI : 450

- Note: 1. There shall be only one theory paper of each science subject other than Mathematics for every semester.
2. Distribution of marks of practical within the limit of Max. Marks shall be as prescribed by the B.O.S. of the concerned subject.
3. In absence of certificate for practical record book (Appendix-H), examinee shall not be allowed to appear for the practical examination.

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 (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.

Subject : Corrigendum to Direction No.16/2010 Date: 26.7.2011

SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE
Official Publication of Sant Gadge Baba Amravati University.

PART-ONE

Thursday, the 26th January, 2012
DIRECTION

No. :1/2012 Date :23/1/2012

Subject : Corrigendum to Direction No.16/2010 in respect of Examinations leading to the Degree of (Bachelor of Science) (Three Year Degree Course – Semester Pattern)

Whereas, the Direction No.16 of 2010 in respect of Examinations leading to the Degree of (Bachelor of Science) (Three Year Degree Course – Semester Pattern) in the faculty of Science is in existence.

AND

Whereas, corrigendum to Direction No.16 of 2010 in respect of Examinations leading to the Degree of (Bachelor of Science) (Three Year Degree Course – Semester Pattern) was issued vide Direction No.37/2011 on dated 26.7.2011.

AND

Whereas, the Academic Council in its meeting held on 13.1.2012 vide item Nos.14 (5) (E) and 14 (5) (O) respectively has accepted to allow the students passing H.S.S.C. examination (M.C.V.C. stream) with Medical Laboratory Technician Trade for admission to B.Sc. Part-I under the group-"Chemistry, Environmental Science, Industrial Microbiology," and the recommendations of the Monitoring Committee under the Chairmanship of Dean, faculty of Science of its meeting dated 15.11.2011 regarding correction in marking scheme of Internal Assessment Marks at B.Sc. level.

AND

Whereas, as per decision of Academic Council, the above correction are to be carried out in Column No.3 against Sr.No. 1 under the table of sub-clause (ii) of Para 6 and in Appendix-G of Direction No.16 of 2010 issued earlier for the Examinations leading to the Degree of (Bachelor of Science) (Three Year Degree Course – Semester Pattern) in the faculty of Science for Summer-2012 examinations and onwards.

AND

Whereas, it is necessary to carry out the corrections in the above said Direction immediately.

Now, therefore, I, Dr.Mohan K.Khedkar, 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:

- This Direction may be called "Corrigendum to Direction No.16/2010 in respect of Examinations leading to the Degree of (Bachelor of Science) (Three Year Degree Course – Semester Pattern) in the faculty of Science".
- This direction shall come into force from the date of its issuance.
- In Direction No.16/2010 in respect of Examinations leading to the Degree of (Bachelor of Science) (Three Year Degree Course – Semester Pattern) in the faculty of Science-
 - the words "Industrial Microbiology" after the word "Bioinformatics" in column No.3 against Sr.No.1 under the table of Sub-clause (ii) of para 6 of Direction No.16 of 2010 shall be added.
 - in Appendix-G following corrections be carried out :
 - In column No.4, at Sr.No.1, the words "Two assignments" be replaced by the words "One assignment".
 - In column No.4, at Sr.No.2, the words & signs "Two Class Tests (On passing test)" be replaced by the words "One test".
 - In column No.4, at Sr.No.4, the words & signs "Two Class Tests (On passing test)" be replaced by the words "One test".
 - In column No.4, at Sr.No.5, the words "Any one of the activity" be replaced by the words "Any one of the activities".
 - The Note No.4 be deleted and substituted by the following para.
"The test with maximum 30 marks be conducted for the students and the marks be allotted based on the performance of the students as under-"

	Languages	Mathematics		Other Sci. subjects	
	Sem-I & II	Sem-I & II	Sem-III to VI	Sem-I & II	Sem-III to VI
For the score 24 and above.	06	10	08	12	10
From 18 to 23	05	08	06	10	07
From 11 to 17	04	06	04	07	05
From 0 to 10	00	00	00	00	00
- The following Note be added at Sr.No.7 -
"The student who remain absent for internal assessment through out the semester, 'Zero' marks be given to him/her while posting the marks instead of writing "Ab" before his/her name."

Sd/-
(Mohan K. Khedkar)
Vice-Chancellor

Amravati
Date :23/1/2012

SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE – 2012 – PART ONE -01

No. 11/2012

NOTIFICATION

Date :19/1/2012

Subject : Changes in the practical of B.Sc. Semester-I, II, III & IV for the subject Physics.

It is notified for general information of all concerned that the Academic Council in its meeting held on 13.1.2012 has accepted following changes in the practical of B.Sc. Semester-I, II, III & IV for the subject Physics which are to be made applicable for the Session-2011-12 i.e. for Summer-2012 examination and onwards.

(A) In Prospectus No.2011122 of B.Sc. Part-II (Semester-III & IV), on page No.29 -

- (i) The experiment Sr.No."19" be deleted completely.
- (ii) Experiment Sr.No."20" be renumbered as "19".
- (iii) Following experiment be added after experiment Sr.No.19.
 - '20. Measurement of field strength B and its variation in a Solenoid.
 - 21. To draw the BH curve of iron by using a Solenoid and to determine the energy loss due to Hysteresis.'

(B) On page No.33, the practical Sr.Nos.19, 20 and 21 be deleted and the following practicals be added after Practical Sr.No.18, at Sr.No.19 to 26 respectively.

- '19. To determine frequency and phase of signal using CRO.
- 20. To determine capacitance by Scherring bridge method.
- 21. To determine self inductance by bridge rectifier method.
- 22. To determine frequency of AC mains by Sonometer.
- 23. To study and plot I-V characteristics of solar cell.
- 24. To study time constant of an RC circuit experimentally and verify the result theoretically.
- 25. Verification of Stefan's law of radiation by using an incandescent lamp as black body Radiator.
- 26. To study (a) Half-wave Rectifier and (b) Full-wave Bridge Rectifier and investigate the effect of C, L and π filters.'

(C) The instruction regarding conduct of practical examination along with the tables printed in the prospectus on page Nos. 16-17 of B.Sc. Part-I (Semester-I & II) and page Nos.28-29 & 31-32 of B.Sc.-II (Semester-III & IV) shall be substituted as given below-

"Practical :

The distribution of marks for practical examination will be as follows:

Record Book	10 marks
Viva-voce	10 marks
Experiment	20 marks
Assignment	10 marks

Total	50 marks

- a) A student will have to perform at least ten experiments per semester.
- b) The semester examination will be of Four Hour duration and student will have to perform one experiment in the semester examination.
- c) In assignment, every student should be asked to submit the detailed report on one of experiments he or she has performed. The detailed report should include the theoretical background of the experiment."

Sd/-
(Dineshkumar Joshi)
Registrar

SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE - 2012 - PART TWO - 09

TEACHING, LEARNING AND EVALUATION

Sant Gadge Baba Amravati University, Amravati
Record of Internal Assessment Marks
(Two assignments per theory paper)

Name of the College : _____

Name of the Teacher : _____

Class : B.Sc. (Sem-I/II/III/IV/V/VI)

Subject : _____

Paper (with title) : _____

Sr.No.	Name of the Student	Marks awarded			Total Max. Marks:-
		Assignment / Project Assignment Max. Marks:-	Seminar / Group discussion / Study tour / Industrial Visit / Visit to educational institutes / research organization / field work etc. Max Marks:-	Class test Max. Marks:-	
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

Signature of H.O.D. _____

Name and Signatures of Teachers :
1. _____
2. _____
3. _____

Date : _____

Verified
Principal



(Dr. S. V. Satpute)

IQAC Coordinator
Mahatma Fule Arts, Commerce and
Sitaramji Chaudhari Science
Mahavidyalaya, Warud, Dist. Amravati



(Dr. D. V. Hande)

PRINCIPAL,
Mahatma Fule Arts, Com & Sitaramji
Chaudhari Science Mahavidyalaya,
Warud, Dist Amravati