

SOLAPUR UNIVERSITY, SOLAPUR
Ordinances and Regulations

(Subject to changes those may be made from time to time)

O. B. Sc. 1

- A) i) The candidate passing the Higher Secondary Examination Conducted by the Maharashtra State Board of Higher Secondary Education, with science stream MCVC with Science Subject D.Pharm, Diploma, Engineering, Agricultural Diploma, Dairy Diploma shall be allowed to enter upon the B. Sc. Part-I Course.
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- ii) An examination of any other statutory University or an Examining Body recognized as equivalent thereto.
- iii) Repeater Student will be allowed to take fresh admission to the same Class with same subjects or different subjects.
- B) No candidate shall be admitted to the B. Sc. Part-I Semester-I Examination unless he/she has satisfactorily kept terms for the course at a College affiliated to this University.
- C) Promotion to Semester-II from Semester-I is unconditional.

O. B. Sc. 2.

- A) No candidates shall be allowed to enter the course for the B. Sc. Part-II Semester-III examination unless he has passed the B.Sc. Part-I examination or an examination of any other statutory University recognized as equivalent thereto.
- However, a candidate passing in all the heads of Passing except four at the B. Sc. Part-I Semester-I and II examination of this University shall be allowed to enter upon the course of B. Sc. Part-II Semester-III

(Note: Theory and Practical are separate heads of passing. A candidate may fail up to 4 heads of passing, and then will be required to appear for that head of the subject only in which he/she has failed.)

- B) No candidate shall be admitted to the B. Sc. Part-II Semester - III examination unless he/she has satisfactorily kept terms for the same at a College affiliated to this University.
- C) Promotion to Semester- IV from Semester- III is unconditional.

O. B. Sc. 3.

- A) No candidate shall be allowed to enter upon the course for the B. Sc. Part-III Semester-V examination unless he/she has passed the B. Sc. Part-II examination of this University or an examination of any other Statutory University, recognized as equivalent thereto. Such a candidate must have cleared B. Sc. Part-I Examination.
- However, a candidate passing in all heads of passing except up to three of the B. Sc. Part-II Semester - III and IV examination shall be admitted to the course of B. Sc. Part-III Semester- V.
- B) No candidate shall be admitted to the B. Sc. Part-III examination unless he has satisfactorily kept terms for the same at a College affiliated to the University.
- C) Promotion to Semester- VI from Semester- V is unconditional.

R. B. Sc. 1: The three year B. Sc. Degree Course shall consist of three parts (Parts I, II and III) and six Semesters (Semesters I, II, III, IV, V, and VI). Semester-I, Semester III and Semester-V examinations shall be held in Oct / Nov and Semester- II, IV and VI examinations shall be held in April /May of every academic year.

R.B. Sc. 2: Practical Examinations of B. Sc. Part-I, II and III shall be conducted annually.

R. B. Sc. 3: The Scheme of the Physical Education has been made operative for B. Sc. Part-I. Physical Education examination shall be conducted annually. The benefit of marks, obtained by the candidate in Physical Education Tests conducted by the University and N. C. C. authorities shall be as under:

1. If a candidate fails in one or two heads of passing only and having passed in all the remaining heads of passing, the marks obtained by him/her in the Physical Education Test shall be added to one or two heads of passing in which he/she has failed as the case may be.

A candidate getting the benefit of Physical Education marks should not be given advantage of any other Ordinance. The Physical Education Marks shall not be considered for the award of Class and for deciding merit.

2. If as a result of addition of Physical Education marks, a candidate does not pass the examination, the marks obtained by him/her in Physical Education shall not be considered.

3. The marks of Physical Education obtained by the unsuccessful candidates at the B. Sc. Part-I Examination shall be carried forward for their subsequent attempt/s.

4. The marks obtained in Physical Education shall not be considered for earning exemption in a subject of head of passing, but the marks will be carried forward for availing the benefit at the subsequent attempts.

5. The marks secured by the candidates under the Physical Education Scheme shall be added to the total of his/her marks in the Examination irrespective of the fact of his/her passing or failure in the examination. The Physical Education marks shall be shown as “Total + P.E. Marks”.

R. B. Sc.4. (A):

The following shall be the course of studies for the B.Sc. Part-I (Semesters- I &II), Part-II (Semesters- III & IV), & Part-III (Semesters-V&VI) examinations.

B.Sc. Part-I

i) For B.Sc. Part-I (Semesters I and II) Candidates should offer English as a compulsory subject and any four science subjects from the Group B to M:

A	B	C	D	E
English	Physics	Chemistry	Botany	Zoology

F	G	H	I
Mathematics	Geology	Geography	Computer Science

J	K	L	M	N
Statistics	Electronics	Microbiology	Psychology	Biotechnology

B.Sc. Part-II

- ii) For B.Sc. Part-II (Semester III and IV) candidate shall select three subsidiary subjects from the four science subjects offered at B.Sc. Part-I or two subsidiary subjects from the four science subjects offered at B.Sc. Part-I and any one interdisciplinary subject from the list 'I' as the third subsidiary subject.

List 'I'

List 'I' - List of Inter – Disciplinary Subjects.

1. Bio-Chemistry
2. Geo-Chemistry
3. Astro-Physics
4. Biometry
5. Meteorology
6. Bio-Geography
7. Plant-Protection
8. Pollution
9. Agro-Chemicals including Fertilizers.
10. Dairy science
11. Fisheries
12. Ground water studies and Evaluation

Departments involved in the Inter-Disciplinary Subjects

1. Bio-Chemistry	1. Botany	2. Zoology
	3. Chemistry	4. Microbiology
2. Geo-Chemistry	1. Geology	2. Chemistry
3. Astro-Physics	1. Mathematics	2. Physics
4. Biometry	1. Mathematics	2. Statistics
	3. Botany / Zoology	4. Microbiology
5. Meteorology	1. Physics	2. Geography
	3. Mathematics /Statistics	
6. Bio-Geography	1. Botany	2. Zoology
	3. Geography	4. Microbiology
7. Plant Protection	1. Botany	2. Zoology
	3. Chemistry	4. Microbiology
8. Pollution	1. Botany	2. Zoology
	3. Chemistry	4. Microbiology
9. Agro-Chemicals including Fertilizers	1. Chemistry	2. Botany
	3. Microbiology	
10. Dairy Science	1. Zoology	2. Chemistry
	3. Microbiology	
11. Fisheries	1. Zoology	2. Chemistry
	3. Microbiology	
12. Groundwater studies and evaluation	1. Geology	2. Geography
	3. Physics	

(Note : A candidate may choose any one of the subject as a subsidiary out of the subjects from the list of interdisciplinary subject. however, it is advisable that at B.Sc. Part-I course he/she should have taken the subjects mentioned against the interdisciplinary subject).

B.Sc. Part-III

- iii) For B.Sc. Part-III (Semester V and VI) there shall be one compulsory paper in English and one principal subject to be chosen from the three/two subsidiary subjects offered at B.Sc. Part-II (Semester III and IV) More over, Environmental Study will be compulsory subject at B.Sc.Part-III.

R. B. Sc.4.(B) :

- i) There will be two theory papers for Semester I as well as Semester II per Science Subject and a one practical per Science subject at the B.Sc. Part-I. In the case of English there will be one theory paper at B.Sc. Part-I Semester – I and one theory paper at Semester – II.
- ii) There will be two theory papers for Semester III as well as Semester IV per Science Subject and two practicals per subject at the B.Sc. Part-II.
- iii) There will be four theory papers for Semester V as well as Semester VI per Science Subject and four practicals in the Principal subject at B.Sc.Part-III Semester- V and VI. There will be one theory paper in English at semesters–V and one theory paper at semester - VI.
- iv) The practical examination of B.Sc. Part-I, II and III will be conducted annually.
- v) The nature of the question paper and practicals will be decided by the respective boards of studies (BOS).

D) Distribution of marks of Theory and Practical

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

Subject	Semester	Paper	Total Marks of Theory	Total Marks of Practical
English (Compulsory)	I	Paper- 1	50	-
	II	Paper- 2	50	-
Subsidiary Science Subject I	I	Paper-1	50	-
		Paper-2	50	-
	II	Paper-3	50	50
		Paper- 4	50	
Subsidiary Science Subject II	I	Paper- 1	50	-
		Paper- 2	50	-
	II	Paper-3	50	50
		Paper- 4	50	
Subsidiary Science Subject III	I	Paper- 1	50	-
		Paper- 2	50	-
	II	Paper- 3	50	50
		Paper- 4	50	
Science Subject IV	I	Paper- 1	50	-
		Paper- 2	50	-
	II	Paper-3	50	50
		Paper- 4	50	

For B.Sc.I Mathematics, instead of practical of 50 marks, there will be a problem solving session of 50 marks.

B.Sc. Part-II (Semester III & IV)

Subject	Semester	Paper	Total Marks of Theory	Total Marks of Practical
Subsidiary Science Subject I	III	Paper- 5 Paper- 6	50 50	- -
	IV	Paper-7 Paper-8	50 50	50 50
Subsidiary Science Subject II	III	Paper- 5 Paper- 6	50 50	- -
	IV	Paper- 7 Paper- 8	50 50	50 50
Subsidiary/Interdisciplinary Science Subject III	III	Paper-5 Paper-6	50 50	- -
	IV	Paper- 7 Paper- 8	50 50	50 50

For B.Sc.II Mathematics, instead of two practical of 50 marks each, there will be two problem solving sessions of 50 marks each.

B.Sc. Part-III (Semester V & VI)

Subject	Semester	Paper	Total Marks of Theory	Total Marks of Practical
English (Compulsory)	V	Paper- 1	50	-
	VI	Paper- 2	50	-
Science Subject - 1 (One Principal subject chosen from three/two subsidiary subjects offered at B.Sc.Part-II)	V	Paper- 9	50	-
		Paper- 10	50	-
		Paper- 11	50	-
		Paper-12	50	-
VI	Paper-13	50	50	
	Paper-14	50	50	
	Paper-15	50	50	
	Paper-16	50	50	
Environmental Study (Compulsory)	(Annual Pattern)	Paper-1	70	30 (Project work)

For B.Sc.III Mathematics, instead of four practicals of 50 marks each, there will be four problem solving sessions of 50 marks each.

Teaching Periods

B. Sc. Part-I: There will be 5 Theory periods per Science Subject and 1 practical of 4 periods each per batch per Science Subject, per week except mathematics. For Mathematics, there shall be 9 periods per week. There will be 4 periods per week for the subject of English.

B. Sc. Part-II: There will be 6 Theory periods per science subject and 2 practical turns of 4 periods each per batch per Science subject, per week except Mathematics. For Mathematics, there shall be 9 Periods per week.

B.Sc. Part-III: There will be 12 Theory periods per science subject and 4 practical turns of 5 periods each, per batch per Science subject, per week except Mathematics. For Mathematics there shall be 18 periods per week. There will be 4 periods per week for the subject of English.

R.B. Sc. 5: The detailed syllabi for the various subjects shall be as shown in the appendix and shall be subject to such revision, modification etc. as may be made by the Academic Council from time to time on the recommendation of the Boards of Studies in different subjects. The text-books and reference books for the various subjects shall be those as prescribed by the Academic Council from time to time on the recommendations of the respective Boards of Studies.

R. B. Sc. 6:

- i) The result of the B. Sc. Part-I examination shall be declared publicly in two categories viz.
- i) candidates who have passed the Part-I examination and ii) candidates who are allowed to keep the term to the B. Sc. Part - II Course.
 - ii) The result of the B. Sc. Part-II shall be declared publicly in two categories viz. (i) candidates who have passed in all heads of passing of the Examination in addition to the remaining heads of passing, if any, of the lower Examinations, (ii) Candidates who are allowed to keep the term to the next higher course.

No class shall be awarded at B. Sc. Part-I and II Examinations and no passing certificate shall be issued to the candidates for these examinations.

R. B. Sc. 7:

The fees for the admission to the B. Sc. Part-I, Part-II and Part-III (Semester Examinations) shall be as prescribed in Ordinance.

R. B. Sc. 8:

The Principal may permit a candidate in the first term only to change his/her optional subject or subjects provided that the Principal is satisfied that the candidate desiring for such a change would be able to complete his/her course in the new subject/s during the time remaining at the disposal in the semester.

R. B. Sc. 9:

- i) Applications for admissions to the Semester examination of B. Sc. Part-I, II and III shall be made in the prescribed form and shall be forwarded to the Registrar of the University along with the prescribed fee through the Principal of the College by fresh and those candidates who have failed at the B. Sc. Part-I, II and III Semester examination, so as to reach the University Office not later than the date fixed for the purpose.

O. 78: i) Save as in the case of Computer Courses and Courses in Foreign Language and Career Oriented Courses (Certificate, Diploma and Advance Diploma) no candidate shall be allowed to keep terms for two different examinations, simultaneously, in the same academic year. Violation of this condition shall entitle cancellation of the terms kept for both the examinations.

Provided that no such candidate for computer courses shall be entitled to claim any change in the examination program or any other concession on the ground that the examinations for the said courses are held at the same time or on any other ground. The candidate adversely affected shall have no right to take any recourse or action against the University for any loss sustained by him/her thereby.

- ii) To obviate the possibility of a candidate registering himself for two courses simultaneously, Director/Head of University Department/Principal of the College/Head of Recognised Institution and Honorary Director/Directorate of course shall insist at the time of admission on a transference certificate and satisfy themselves that the candidate has not registered himself/herself at any other college or institution for any course referred in Clause (i) above; failing which they shall be liable for action as the Management Council may deem fit.

iii) While keeping the terms, the candidate shall not appear as a Repeater candidate for any other University examination. Violation of this rule shall entitle the cancellation of the performance at the said examination.

R. B. Sc. 10:

A candidate passing in any of the heads of passing shall be allowed to appear again in the same head of passing at B.Sc. Part-I repeater Student only once.

R. B. Sc. 11:

a) A candidate who has passed the B. Sc. Degree examination of this University once shall be permitted on the submission of a new application and on payment of a fresh fee to appear again at B. Sc. Part - II and III Examinations.

i) In a principal subject other than the one in which he/she has already passed in B. Sc. Part-III, provided the subject so offered was one of his/her optional subjects at B. Sc. Part-II and provided further that he/she completes minimum attendance during two additional terms in B. Sc Part-III in a college or colleges affiliated for the subject, he/she wants to offer newly.

ii) Such a candidate will not have to pass in compulsory English, since he/she has passed the same during his/her previous B. Sc. Part-III Examination. Such a candidate passing the examination shall not be eligible for class or additional degree. He/she shall be granted a certificate of having passed the additional subject.

b) In one or more new optional subject/s at B.Sc. Part-II and not desiring to appear for Principal Subject (Principal subject remaining the same) permissible under the rules provided he/she has completed the minimum attendance during the two terms of B. Sc. Part-II, in such a case, if the candidate has not offered the subject/subjects (newly appearing) at B.Sc. Part-I then he/she will have to clear the subject at B. Sc. Part-I also without keeping additional terms for B.Sc. Part-II will be withheld till he clears his subject/s at B.Sc. Part-I. Such a candidate passing the examination shall not be eligible for class or degree, but he/she shall be awarded a certificate of having passed the additional subject/s.

c) In a Principal subject other than the one which he/she has offered at B. Sc. Part-II level as optional subject permissible under the rules, provided he/she has completed the minimum attendance of two terms at B. Sc. Part-III in a college affiliated for the subject he/she has offered. In such a case, if the candidate has not offered the subjects (newly appearing) at B. Sc. Part-I then he/she will have to clear the subject/s at B.Sc. Part-I also without keeping additional terms for B. Sc. Part-I. The college will arrange for necessary practicals / tutorials of B. Sc. Part-I. The result of B. Sc. Part-II will not be declared unless the candidate clears his subject/s at B. Sc. Part-I. The candidate passing the examination shall be granted a certificate only.

d) Those candidates who offer subjects (one principal and other optional) altogether different from those, in which they have already passed at their B. Sc. Part-II and B. Sc. Part-III examinations of this University, will have to keep four terms in a college affiliated to this University and shall be eligible for a fresh degree and a class but not a prize, scholarship, medal or any other award. In case of those candidates who have opted to take any three subject, any or all of which would be different of B. Sc. Part-II from those which he/she had completed at B. Sc. Part-I, will have to appear for those subjects of the B. Sc. Part-I level without keeping fresh terms so that he/she would be eligible for award of a Class.

- e) Candidates passing B. Sc. Examination of other Universities recognized as equivalent to the B.Sc. examination of this University and desiring to join the B. Sc. Course of this University will be allowed to join the B. Sc. Course of this University, provided they offer subjects different (both at B. Sc. Part-II and B. Sc. Part-III level) from those in which they have already passed and kept four terms in a college affiliated to this University. Such candidates shall have to fulfill the other requirements in respect of keeping terms as per the regular candidates. In such a case the candidates shall have to clear the subject/s at B. Sc. Part-I also without keeping fresh terms for B. Sc. Part-I. The Principal of the concerned college will have to arrange for practicals and tutorials to be completed at B. Sc. Part-I. His/her result at B. Sc. Part-II will be withheld till he/she clears B. Sc. Part-I. In such cases while declaring the class, his/her performance at various examinations from B. Sc. Part-I to B. Sc. Part-III will be taken into account. Such a candidate will be awarded a degree but not a prize or scholarship or any other award.

R. B. Sc. 12 :

A candidate who has duly qualified himself/herself for appearing at the final B. Sc. Examination and has not passed or has not taken the examination will be permitted.

- i) To offer any of the optional subjects as his/her principal subject other than the one which was his/her principal subject formerly offered provided he had kept two additional terms for the purpose in B. Sc. Part-III.
- ii) To change one or both of his/her optional subjects of the B. Sc. Degree course provided he/she had kept two additional terms for the purpose in B. Sc. Part-II.
- iii) To change one or both the optional subjects and the principal subject provided he/she had kept four additional terms and passed or got A. T. K. T. at the B. Sc. Part-III course.
- iv) Such candidates shall have to fulfill the other requirements in respect of standard of passing and of keeping of terms as per the regular candidates.

R. B. Sc. 13 : A candidate who has satisfactorily kept one term in this University or in any one of the other Universities in the State of Maharashtra with equivalent examination in semester system shall be allowed to join for the Second semester of the B. Sc. Part-I.

R. B. Sc. 14: Candidates from other Universities eligible for admission to B. Sc. Part-III Course of this University shall have to appear for all the theory papers and practicals of B. Sc. Part-I, B. Sc. Part-II and B. Sc. Part-III examinations, if they desire to have a class higher than a pass class according to the prescribed standard of passing.

R. B. Sc. 15: Candidates passing Part-I or II examination of the B. Sc. Degree Course of the Regional Universities can take admission to the next higher class. Such candidates appearing for the theory papers and practicals of the higher class only, will not be eligible for any class i.e. successful candidates shall be declared to have merely passed the examination. For all the theory papers and practicals of B. Sc. Parts I, II and III of this University without keeping terms. The provision of this Regulation is applicable to the candidates of those Regional Universities which reciprocate with this University in giving similar concession to the candidates of this University.

Those candidates who have obtained the concession of A. T. K. T. at any of the examinations of the Universities in the State of Maharashtra and desire to migrate to this University for prosecuting their further studies will have to clear the failed subjects from the parent University. In case of such candidates the parent University should issue the Migration Certificate and also allow them to appear for the examination in the failed subject while they prosecute their studies in this University. This provision is applicable to the candidates of those Universities which reciprocate with this University.

R. B. Sc. 16: Two more chances following the last regular examination of the old course will be given to the candidates of the old course.

Standard of Passing at B. Sc. Examination

O. B. Sc. 4:

- a) For a subject, all papers shall form a separate head of passing i.e. Theory and the Practical examination in each Science subject.
- b) A candidate shall have to secure 35% of marks in Theory and Practical examination separately in order to pass in those heads of passing. He/she shall be declared to have passed the examination if he/she passes in all heads of passing at Part-I, II and III (semester examinations) separately.
- c) In order to secure a Second Class with Honors a candidate shall have to obtain at least 45% marks in the aggregate at University Examination.
- d) In order to secure a First Class with Honors, a candidate shall have to obtain at least 60% of marks in the aggregate at University examination.
- e) A candidate shall be declared to have passed in First Class (Honors.) with Distinction, if he/she gets at least 70% of marks in the aggregate at University examination.
- f) The class will be awarded on the aggregate total of all the subjects of Parts-I, II & III (semester examinations), excluding the marks of English at B.Sc. Part-I and B.Sc. Part-III.
- g) A. T. K. T.: A candidate passing in all heads of passing except four or three at Part-I and Part-II examinations respectively will be allowed to proceed to the next class.

T. O. B. Sc. I : The old course pattern theory and practicals for the various subjects are treated equivalent in the new course semester pattern for theory & practicals in the same subjects for B. Sc. Part-I.

T. O. B. Sc. 1 : Candidates who have kept terms for B. Sc. I according to the old course can appear for equivalent subjects as mentioned in T. O. B. Sc. I of new course without keeping fresh terms. In case of such candidates, the marks obtained at the old course will be converted into equivalent marks of new course.

T. O. B. Sc. 2: Candidates who have passed in all subjects of B. Sc. Part-I according to the old course or have failed only in one or two heads of passing of B. Sc. Part-I old course can take admission for B. Sc. II with three subjects, out of which at least two must have been offered at B. Sc. Part-I.

T. O. B. Sc. 3: A candidate passing B. Sc. Part-I according to the old or new course is allowed to choose at B. Sc. Part-II one new Inter disciplinary subject other than his subject at B. Sc. Part-I (Old course or new course). In such circumstances the Principal of the concerned college must be satisfied about the completion of the theory and practical course of this newly selected subject. Result of B. Sc. II of such candidate will not be declared unless he clears the subject (Theory and Practical) at B. Sc. I.

T. O. B. Sc. 4: Candidates who have not passed the subjects at B.Sc. Part-I old course will have to appear and clear the corresponding subjects of B. Sc. Part-I before admission to B. Sc. Part-II Semester pattern.

Candidate who have failed B. Sc. Part-I examination according to the old course can take admission to the B. Sc. Part-I new course. Performance of old course of such of the candidates will be considered as null and void.

T. O. B. Sc. 5 : The marks obtained at B. Sc. Part-I (Old Course) or B. Sc. II Old course or B. Sc. III (Old Course) will be taken into account (after proper conversions) while considering the candidate's result at final examination. The class will be declared as per percentage of marks secured by the candidate, as is done in the case of candidate offering new course.

T. O. B. Sc. 6: The candidates who have kept terms at B. Sc. Part-III according to the Old Course can appear for the New Course without keeping fresh terms.

T. O. B. Sc. II: The old course pattern theory and practical for the offered subjects are treated equivalent in the new course semester pattern for theory and practical in the same subjects for B. Sc. Part-II.

T. O. B. Sc. III: The old course pattern theory and practical for the principal or subsidiary subjects are treated equivalent in the new course semester pattern for theory and practical in the same subject.