



Estd. 1962
NAAC 'A' Grade

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SU/BOS/Science/6755

Date: 03 /07/2019

To,

The Head/Co-ordinator/Director
All Concerned Department (Science)
Shivaji University, Kolhapur.

Subject: Regarding syllabi, equivalence of M. Sc. Part-I (Sem. I & II (CBCS) and Horizontal Mobility Rules, Regulations degree programme under the Faculty of Science and Technology.

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the revised syllabi, nature of question paper and equivalence of M. Sc. Part-I (Sem. I & II) (CBCS) Horizontal Mobility Rules, Regulations degree programme under the Faculty of Science and Technology.

M.Sc.-I (Sem. I & II) (CBCS)			
1.	Agro Chemical and Pest Management (AGPM)		
	M.Sc.-I (Sem. I & II) (CBCS) Horizontal Mobility		
1.	Biochemistry	4.	Microbiology
2.	Biotechnology	5.	Pharmaceutical Microbiology
3.	Enviromental Biotechnology		

This syllabi and equivalence shall be implemented from the academic year 2019-2020 (i.e. from June 2019) onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in

The question papers on the pre-revised syllabi of above mentioned course will be set for the examinations to be held in October /November 2019 & March/April 2020. These chances are available for repeater students, if any.

You are, therefore, requested to bring this to the notice of all students and teachers concerned.

Thanking you,

Yours faithfully,

Dy Registrar

Copy to:

1	The Dean, Faculty of Science and Technology	8	P.G.Seminar Section
2	Director, Board of Examinations and Evaluation	9	Computer Centre
3	The Chairman, Respective Board of Studies	10	Affiliation Section (U.G.)
4	B.Sc. Exam	11	Affiliation Section (P.G.)
5	Eligibility Section	12	P.G.Admission Section
6	O.E. I Section	13	Centre for Distance Education
7	Appointment Section		



SHIVAJI UNIVERSITY , KOLHAPUR

Horizontal Mobility

(Biochemistry, Biotechnology, Microbiology, Pharmaceutical Microbiology, Environment Biotechnology) (To be implemented from June, 2019)

After going through syllabi of Biochemistry, Biotechnology, Microbiology, Pharmaceutical Microbiology, Environment Biotechnology subjects, it has been observed that there are many common papers and it could be possible to design a syllabus of such relevant courses under the concept of Horizontal Mobility (M.Sc. Sem I & II) where the common courses will be taught and the specialized courses in M.Sc. II, Sem III & IV will be opted for the second year from respective department. This could also help the students from various courses to broaden their views as well as acquire interdisciplinary approach in the era of modern technology.

Specially, this Horizontal Mobility nurtures the knowledge of Biochemistry, Biotechnology, Environment Biotechnology, Microbiology & Pharmaceutical Microbiology among all students and make them able to face the challenges of 21st century. Under this roof, students can acquire knowledge of Biochemistry, Molecular Biology, Research Methodology, Tissue culture, Fermentation Technology & Bioinformatics, Biostatistics etc.

For the smooth conduct of the scheme and to implement this Horizontal Mobility Scheme effectively, University authorities have decided a common policy, which should be adopted by each department. Clarification is as under-

1. The syllabus of various departments Horizontal Mobility can be designed; in such a manner that Ist year (sem I & II) syllabus of various courses under H.M. will be common and addition/deletion can be made by the department with approval of the concerned authorities.
2. Lectures of common paper will be conducted by Biochemistry department and all practical of M.Sc. I-II (sem I, II, III, IV) will be conducted by respective departments.
3. Flexibility is given to the concerned department for M.Sc. II year (Sem III & Sem IV) for opting either common paper or separate paper as per the need of course.
4. All infrastructure (equipment / laboratories / classrooms) will be shared by Biochemistry / Biotechnology / Microbiology department.
5. The course structure of all the courses will remain same.
6. There should be at least 15 weeks of actual teaching in each semester as per the UGC requirement. The department should prepare academic calendar of teaching lecture hours. Workload is as per UGC & State Govt. norms.
7. Under Evaluation Scheme, internal (C.I.E.) and External Evaluation Scheme, wherever applicable, will be in 20 : 80, i.e. 80 marks for External University Examination and 20 marks for Continual Internal Examination.
8. The record of Internal Test marks, theory papers, answer books will be preserved in the department for a period of 1.5 years from the date of declaration of result. The review/ monitoring Committee will verify/inspect the records of the department from time.
9. The flexibility given to department is related to syllabus, examination and teaching.

However, it does not include financial flexibility or financial autonomy.,It will be as per delegation of powers circulated by the Finance and Accounts Department.

10. The flexibility is not related to M.Phil. and Ph.D. Courses. For such courses existing rules will be applicable.

11. Study tours/excursions will be conducted as per the existing guidelines decided by the Management Council.

12. Any other action/activity inviting financial implications should be undertaken only with the prior permission of the concerned authority or of the Hon. ble Vice- Chancellor.

13. The transparent system and procedures should be followed.

14. The standard of passing Examination Ordinances and Rules will be applicable as per the existing system.

15. The present scheme of class improvement will remain applicable. For students appearing under improvement of class. The internal marks already obtained will be final and will be carried forward.

16. The examination time-table / schedule should be prepared in consultation with Examination Section. If the dates of the examinations proposed by the department vary from those of University dates, then the department should conduct examination of their own department with their own teaching and non-teaching staff. However, stationary will be provided by the University. Remuneration will be paid as per University rules.

17. The appointments of paper setters, examiners, moderators, supervisors, junior supervisors and administrative staff etc. will be made as per University Act/Conventions.

18. Three sets of each question paper should be prepared by the paper-setters. The said should be submitted to branch board of examination for final selection draw and printing before 30 days. Nature of question paper should be per UGC guidelines and suggested by Examination Reform Committee.

19. There will be chairman for each examination.

20. The assessment of the University theory examination will be done in the department. However, coding and decoding and such other matters will be done by the Examination Section. Result-sheet should be forwarded to Director Board of examination signed by Head and Chairman in ledger form (provided by the University).

21. Director Board of examination will declare the results and issue the mark list and other certificates under his signature.
