

MINUTES OF THE MEETING OF THE BOARD OF STUDIES

All the above listed except one under S. No. 2 attended the meeting and deliberated on the curriculum and syllabus in detail. The following are the recommendations of the Committee on the subject matter.

The total credits for the course was 140 as per the regulations for this course.

Semester I

Core Paper I – Advanced Cell Biology was renamed as Fundamentals of Cell Biology.

Core Paper II – Basics of Chemistry this paper merged as a core paper previously this paper was Discipline elective.

Core – Advanced Cell Biology practical was renamed as Fundamentals of Cell Biology Practical I

Core – Basics in Chemistry Practical II merged as core practical previously this paper was DSE practical II

Semester II

Core – Biochemistry and Bioinstrumentation was changed to core previously this paper was under discipline elective.

Core – Biochemistry Practical previously this paper was under discipline elective, now changed to core practical.

Semester III

Core – Principles of Microbiology, is merged as a core paper in this syllabus. Previously this paper was under discipline elective.

Core – Principles of Microbiology practical (Practical VI) is merged as a core paper practical in the revised syllabus. Previously this paper was under discipline elective.

Semester IV

Core – Microbial and Environmental Biotechnology, this paper changed to core from discipline elective.

BOS approved that there shall be no minimum mark for internal assessments however there shall be a passing minimum in semester end examination both for theory and practical's / project and viva-vice examination

As per the new CBCS regulation of UGC, the following paper which was under core has been changed to Discipline Elective Paper, which are included in Semester V and VI:

1. Genetic Engineering, IPR, and Bioethics
2. Immunotechnology
3. Biophysics, Biostatistics, and Computational Biology
4. Genetic Engineering and Immunotechnology Practicals
5. Biofermentation and Downstream Processing

As per the new CBCS regulations of UGC, the following lists of Generic Elective is being included from Semester III- VI.

1. Mushroom Cultivation and Its Marketing
2. Entrepreneurship Development
3. Biotechnology and Human Welfare
4. Food Processing Technology

Additionally in keeping with UGC norms the following have been included under GE

1. Consumer affair
2. Disaster Management

As per the new CBCS regulation of UGC, the following Skill Enhancement Courses were included in Semester III to Semester VI.:

1. Soft Skills - I
2. Soft Skills – II
3. National Social Service – I
4. Medical coding and Clinical Research

All the above change, modification and revision in the syllabus was carried out in order to meet the advancement in the field of Biotechnology to equip the students to compete with other University students for job and research and to face the competitive exams at National level.