

Central University of Punjab

Ref no:

Dated: 5-4-21

Subject: Minutes of the Meeting of Curriculum Development Committee of Department of Biochemistry for Academic Session 2021-2022

A meeting of Curriculum Development Committee of Department of Biochemistry was held on April 05, 2021 in DIA office.

The agenda of the meeting is as given below:

1. To review and revise the course structure and syllabus for M.Sc. in Biochemistry for academic session 2021-22.
2. To review and revise the course structure and syllabus for Ph.D. Biochemistry for academic session 2021-22.


The following changes were proposed:


Courses Added/Revised	Courses Removed/ Moved
<p><u>Semester I</u></p> <ol style="list-style-type: none"> 1. Biochemistry Practical-I: Credit hours reduced to 3. 2. Research Methodology (3 Cr.): Research Methodology and Biostatistics in semester II was divided into two courses. 3. Two Discipline Elective courses added: Genetics; Animal Cell Culture. Genetics was moved from third semester. Three other courses from other Life Sciences departments will be added. 4. Principles of Biotechnology (2 Cr. Interdisciplinary course) moved from second semester to first semester. 	<ol style="list-style-type: none"> 1. Microbial Biochemistry (Removed) – The content was moved to Plant and Microbial Biochemistry in third semester
<p><u>Semester II</u></p> <ol style="list-style-type: none"> 1. Biochemistry Practical-II: Credit hours reduced to 4. 2. Metabolism: Metabolism-I and II combined into Metabolism. Some units were moved to other courses (name the courses) 3. Immunology: Content was revised 4. Two Discipline Elective courses added: Developmental Biology; Plant Secondary Metabolites and Hormones. Three other courses from other Life Sciences departments will be added. 5. Entrepreneurship: New course added. 6. Addition of a new Value Added Course: Forensic and Molecular Diagnostics 	<ol style="list-style-type: none"> 1. Research Methodology and Biostatistics was removed from semester II. It was divided into two courses. Research Methodology was moved to semester I and Biostatistics was moved to semester III. 2. Principles of Biotechnology (2 Cr. Interdisciplinary course) moved to first semester.
<p><u>Semester III</u></p> <ol style="list-style-type: none"> 1. Biostatistics added 2. Plant and Microbial Biochemistry: Content from Plant Biochemistry and Microbial Biochemistry combined. 3. Clinical Biochemistry moved from semester IV to III 	<ol style="list-style-type: none"> 1. Essentials of Genetics moved to semester I as discipline elective 2. Science and Society (Value added course) removed. 3. Principles of Ecology, Evolution and Developmental Biology revised and moved to semester II.

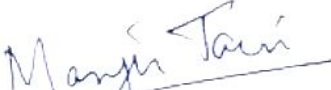
<p>4. Genetic Engineering moved from semester IV Discipline Elective course to core course.</p> <p>5. Discipline Elective courses: Human Physiology moved from core to discipline elective.. Clinical Diagnostics added as Discipline Elective. Three other courses from other Life Sciences departments will be added.</p> <p>6. Recent Advances in Life Sciences I and II (Discipline Enrichment courses) combined into one course and moved to semester III.</p>	<p>4. Secondary Metabolites and Metabolic Engineering revised and moved to semester II.</p>
<p><u>Semester IV</u></p> <p>1. Dissertation (20 Cr.) replaces Project (6 Cr.)</p>	<p>1. Seminar-II removed.</p> <p>2. Science and Society (Value added course) removed.</p> <p>3. All other courses moved to other semesters.</p>

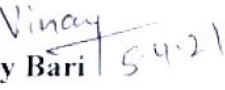
The course content of Research Methodology and Computer Applications will be revised to align with other Life Sciences departments. The course from any other Life Sciences department is removed. The total number of course credits required for Ph.D. are now ten.


The above agenda items placed before the CDC were approved and recommended to be placed in the Board of Studies.


Prof. Ramakrishna Wusirika
 Chairperson and HoD


Dr. Shashank Kumar
 Assistant Professor


Dr. Manju Jain
 Assistant Professor


Dr. Vinay Bari
 Assistant Professor


Dr. Ravindresh Chhabra
 Assistant Professor