



Department of Human Genetics and Molecular Medicine
Central University of Punjab
Established vide Act No. 25(2009) of Parliament

Ref. No. : CUPB/HGMM/18/819

May 9, 2018

The departmental Board of Studies meeting was held at NAAC cell office at 10.30AM onwards on 9, 2018. The meeting was aimed to discuss syllabus of M.Sc. Life Sciences (Human Genetics & Molecular Medicine). Following members attended the meeting:

-Prof. Anjana Munshi (HoD & Chairperson)

- Prof. AJS Bhanwer

- Prof. Ramakrishna Wusirika

- Dr. Sandeep Singh

- Ms. Kanika Vasudeva

Co-opted Members:

- Dr. Harish Chander

- Prof. Inusha Panigrahi

-Dr. Mahesh Kulharia

- Dr. Preeti Khetarpal

- Mr. Prabhat Suman

- Dr. Sabyasachi Senapati

During the meeting various issues regarding curriculum modifications as per IQAC recommendations were discussed and resolved as detailed below:

1. Common modifications suggested in Syllabus of M.Sc. Human Genetics and M.Sc. Molecular Medicine:

- The courses in the syllabus are re-classified as per the instructions of IQAC, CUPB.
- Course codes have been changed as per the instructions from Examination branch of CUPB.
- For Biostatistics and Research Methodology, the total credits has been increased from 3 to 4 content in all the four units were modified accordingly and duplications removed.
- Introduction to Cell and Molecular Biology is renamed as Cellular and Molecular Biology. course content has also been revised with minor modifications in unit II & III.
- Introduction to Cell and Molecular Biology-Practical is renamed as Cellular and Molecular Biology-Practical.
- Human Embryology and Developmental Genetics, Regenerative Medicine and Population Genetics and Genetic Epidemiology, Molecular and Cellular Oncology that were earlier part of Elective Course 1 and 2 respectively, are now part of Disciplinary Elective 1 and 2 respectively in Semester II.
- Skill based elective courses (14 Cr.) were kept in Semester-II onwards. These include: Credit Seminar-I (1 Cr.), Project Work (4+8 Cr.) and Credit Seminar-II (Presentation Skills; 1 Cr.).
- A 4 credit elective MOOC course has been added in Semester-III.
- Bioinformatics and Computational Biology has been removed and included in Advanced Practical Course of respective M.Sc. It has been suggested by the experts that MOOC based course Bioinformatics may be recommended to the students.

Sandeep Singh
Suby

P. Nit Kumar

Anjana

Preeti
Inusha
Mr. Prabhat Suman



Department of Human Genetics and Molecular Medicine
Central University of Punjab
Established vide Act No. 25(2009) of Parliament

Ref. No. :

May 9, 2018

3. Changes Specific to M.Sc. Molecular Medicine:

Following minor changes were made in the syllabus contents to make it more efficient, focused and inclusive, keeping in mind the recent advancements in the field and broader career prospects of students.

Semester-II

- I. Essentials of immunology, syllabus has been revised to remove repetitions and B & T cell development has been incorporated in unit-I.
- II. Unit-I of Techniques in Molecular Medicine has been replaced with Microscopy and unit-III has now been split into unit-II & III.
- III. Part of unit-II is shifted to unit-I in Molecular and Cellular oncology course.

Semester-IV

- IV. Advanced Practical Course in Molecular Medicine with 2 credit hours, has been introduced with aim to train students in advanced techniques and instrumentation as well as use of various Bioinformatics tools.

Annik
Prof. Anjana Munshi (HoD & Chairperson)

Annik
Prof. AJS Bhanwer

Annik
Prof. Ramakrishna Wusirika

Sandeep Singh
Dr. Sandeep Singh

Vasudeva
Ms. Kanika Vasudeva

Co-opted Members:

Harish Chander
Dr. Harish Chander

Inusha Panigrahi
Prof. Inusha Panigrahi

Mahesh Kulkarni
Dr. Mahesh Kulkarni

Preeti Khetarpal
Dr. Preeti Khetarpal

Prabhat Suman
Mr. Prabhat Suman

Sabyasachi Senapati
Dr. Sabyasachi Senapati

DAA

VC Sir for approval

Annik