

VELS UNIVERSITY
SCHOOL OF LIFE SCIENCES
DEPARTMENT OF BIOCHEMISTRY

MINUTES OF THE MEETING OF THE BOARD OF STUDIES

Date : 24th April 2017

Time : 2.30 P.M

Venue: Department of Biochemistry, School of Life Sciences

The meeting of the Board of Studies of the Department of Biochemistry, School of Life Sciences, Vels University was held at 2.30 P.M on 24.04.2017 in the Department of Biochemistry to consider the curriculum and syllabus framed as per the UGC Guidelines for B.Sc and M.Sc Biochemistry Programmes.

The following persons were invited to attend the meeting:

Sl.No	Name & Address	Designation
1.	Dr. R. Sangeetha Associate Professor and Head Department of Biochemistry, School of Life Sciences, Vels University, Chennai – 600 117.	Chairperson
2.	Dr. A. Geetha, Professor and Head, Department of Biochemistry, Bharathi Women's College, Chennai – 600 108.	External Expert
3.	Dr. R. Arivazhagan Associate Professor & Head Dept .of Clinical BioChemistry Cancer Institute Adayar, Chennai – 600 020	External Expert
4.	Dr. K.G.Kripa, Associate Professor, Department of Biochemistry, School of Life Sciences, Vels University, Chennai – 600 117.	Internal Member
5	Dr. V. Vanitha Associate Professor, Department of Biochemistry, School of Life Sciences, Vels University, Chennai – 600 117.	Internal Member

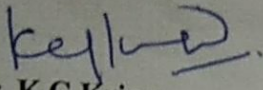
6.	Dr. K.Gayathri, Assistant Professor, Department of Biochemistry, Vels University.	Internal Member
7	Dr. R. Padmini, Assistant Professor, Department of Biochemistry, Vels University, Chennai – 600 117.	Internal Member
8.	Ms. P.Surya, Application Specialist, CPC Diagnostics, Gopalapuram, Chennai	Alumni (M.Sc. Advanced Biochemistry, 2010-2012 Batch)

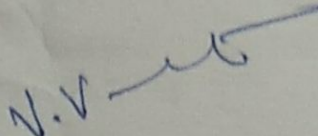
All the above listed members attended the meeting and discussed extensively on the curriculum and syllabus in detail. The recommendations of the Committee on the subject matter are listed.

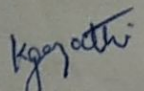
Chairperson

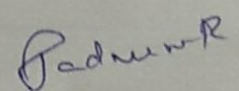
Dr. R. Sangeetha,
Associate Professor and Head,
Department of Biochemistry,
School of Life Sciences,
Vels University, Chennai – 600 117

Internal Members

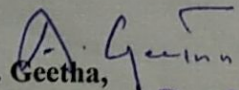

Dr. K.G. Kripa,
Associate Professor,
Department of Biochemistry,
School of Life Sciences,
Vels University, Chennai – 600 117


Dr. V. Vanitha
Associate Professor,
Department of Biochemistry,
School of Life Sciences,
Vels University, Chennai – 600 117

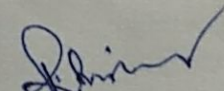

Dr. K. Gayathri,
Assistant Professor,
Department of Biochemistry,
School of Life Sciences,
Vels University, Chennai – 600 117


Dr. R. Padmini,
Assistant Professor,
Department of Biochemistry,
School of Life Sciences,
Vels University, Chennai – 600 117

External Members


Dr. A. Geetha,
Professor and Head,
Department of Biochemistry,
Bharathi Women's College,
Chennai – 600 108

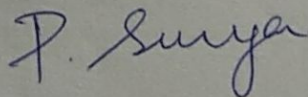
Dr. A. Geetha Ph.D.,
Head & Associate Professor
Department of Biochemistry
Bharathi Women's College,
Chennai - 600 108


Dr. R. Arivazhagan
Associate Professor & Head
Dept. of Clinical Biochemistry
Cancer Institute
Adyar, Chennai – 600 020

Dr. R. ARIVAZHAGAN, M.Sc., Ph.D.
Dept. of Clinical Biochemistry
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Alumni

Ms. P. Surya,
Application Specialist
CPC Diagnostics,
Gopalapuram,
Chennai – 600 086



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Proposed changes in syllabi submitted for approval to the board of studies

The proposed changes in syllabi of B.Sc and M.Sc Biochemistry are listed below.

B.Sc Biochemistry

Semester	Title of the Paper	Proposed changes
III	Skill Enhancement Course (SEC)	Alterations in the list of SEC offered by the department <ul style="list-style-type: none"> • Removal of NSS • Removal of medical lab diagnostics • Introduction of Medical lab diagnostics I and Medical lab diagnostics II
III	Biochemical techniques	Topics to be included: <ul style="list-style-type: none"> • Unit I - pH, electrode, oxygen electrode and body buffers, • Unit III - Immunoelectrophoresis Topics to be removed: <ul style="list-style-type: none"> • Unit IV - Removal of NMR and ESR
IV	Human physiology	<ul style="list-style-type: none"> • Unit 3 – Respiratory system to be renamed as Respiratory and Muscular system. • The topic lymphatic system to be shifted from unit 1 to unit 4 • Unit 4 – Excretory system to be renamed as Lymphatic and Excretory system
VI	Practical X – Clinical Biochemistry	Removal of experiments- <ul style="list-style-type: none"> • Estimation of glucose by ortho toluidine method • Estimation of glucose by anthrone method Inclusion of experiments- <ul style="list-style-type: none"> • Estimation of protein by biuret method & • Estimation of glucose by glucose oxidase method

M. Sc Biochemistry

Semester	Title of the Paper	Proposed changes
I	Chemistry of biomolecules	Removal of repetitive topics from unit II – Protein folding, protein glycosylation and protein sorting
I	Advanced instrumental techniques	Removal of repetitive topics from unit I – immunofluorescence technology, FISH technology
II	Biotechnolog, IPR and marketing	Title of the course to be changed as Biotechnology and IPR

The revised and modified syllabus for B.Sc and M.Sc Biochemistry may be introduced from the academic year 2017- 2018 and placed before the appropriate bodies for their approval