

# VELS UNIVERSITY : SCHOOL OF LIFE SCIENCES

## DEPARTMENT OF BIOCHEMISTRY

### MINUTES OF THE MEETING OF THE BOARD OF STUDIES

Date : 09<sup>th</sup> January 2015

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 09.01.2015(Friday) 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.	<b>Dr.R. Dinakaran Michael</b> Dean, School of Life Sciences Vels University, Chennai – 600 117.	Chairperson
2.	<b>Dr. A. Geetha,</b> Professor and Head, Department of Biochemistry, Bharathi Women's College, Chennai. Phone No : 9444902506 Email ID : geethav21@yahoo.co.in	External Expert
3.	<b>Dr. P.Kalaiselvi,</b> Associate Professor, Department of Medical Biochemistry, University of Madras,Taramani Campus, Chennai – 600 117 Phone No : 9841371726 Email ID : pkalaiselvi2011@gmail.com	External Expert
4.	<b>Dr. K.G.Kripa,</b> Associate Professor and Head, Department of Biochemistry, School of Life Sciences, Vels University, Chennai – 600 117.	Convener/Head of the Department
5.	<b>Dr. K.Gayathri,</b> Assistant Professor, Department of Biochemistry, Vels University.	Internal Member
6.	<b>Mr. V.Sivakumar,</b> Executive Head, VClinBio Labs Associate of Sri Ramachandra University Porur, Chennai.Mobile No : 9840942716	Industrial Expert



7.	<b>Ms. P.Surya,</b> CPC Diagnostics, Gopalapuram, Chennai	Alumini (M.Sc. Advanced Biochemistry, 2010-2012 Batch)
8.	<b>Ms. Sathya</b> (I M.Sc Advanced Biochemistry) <b>Mr.Sanmathi Jitandran Jain</b> (II B.Sc Biochemistry) Vels University, Pallavaram, Chennai-600117	Student Members

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

**B.Sc. Biochemistry (Three years, Six Semesters)**

1. Title of the course Biomolecules to be changed to "Introduction to Biomolecules".
2. Inclusion of "Structure and function of chloroplasts" in the course Cell Biology and "Properties of carbohydrates" in the course Introduction to Biomolecules.
3. Introduction of topics on Kwashiorkor and Marasmus in the course "Clinical Nutrition".
4. Regulation of Glucose metabolism may be included in Enzymes and Intermediary Metabolism paper.

**M.Sc Advanced Biochemistry/ M.Sc Biochemistry (Two years, Four Semesters)**

1. The title may be revised to M.Sc Biochemistry instead of M.Sc Advanced Biochemistry
2. Inclusion of a topic "Biosensors for management of diabetes" in the course Advanced Instrumental Techniques.
3. Inclusion of a topic titled "Importance of EFAs" in the course Chemistry of Biomolecules has been suggested.
4. Few more minor modifications were duly suggested in the courses Human Physiology and Basics of Anatomy (Inclusion of respiration studies in detail), Enzymes (changes in the Unit pertaining to Coenzymes).



5. Enzymology Practicals may include Salivary Amylase and any one Phosphatase instead of both phosphatases.

The revised and modified Syllabus for B.Sc Biochemistry and M.Sc Biochemistry may be introduced from the academic year 2015-2016 and placed before the appropriate bodies for their approval.

**Chairperson**

**Dr.R. Dinakaran Michael**  
Dean, School of Life Sciences  
Vels University, Chennai – 600 117.

*R. Dinakaran Michael*

**Internal Member**

**Dr. K.Gayathri,**  
Assistant Professor,  
Department of Biochemistry,  
Vels University.

*K. Gayathri*

**Head of the Department**

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

*K. G. Kripa*

**Dr.K.G. KRIPA, M.Sc., PhD,**  
Head, Department of Biochemistry,  
School of Life Sciences  
Vels University  
Pallavaram, Chennai - 600 117.

**Industrial Expert**

**Mr. V.Sivakumar,**  
Executive Head,  
VCLinBio Labs-  
Associate of Sri Ramachandra  
University, Porur, Chennai.

*V. Sivakumar*

**External Members**

**Dr. A. Geetha,**  
Professor and Head,  
Department of Biochemistry,  
Bharathi Women's College,  
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*A. Geetha*

**Dr. A. Geetha Ph.D.,**  
Associate Professor  
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**Alumini**

**Ms. P.Surya,**  
CPC Diagnostics,  
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*S. Sathya*

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*P. Kalaiselvi*