

Board of Studies Meeting Dept. of Biochemistry

SEMESTER PATTERN

w.e.f.

THE ACADEMIC YEAR 2017-2018

SRR & CVR GOVERNMENT DEGREE COLLEGE (AUTONOMOUS)
Vijayawada 520004

AIMS AND OBJECTIVES OF THE COURSE

Aims:

- Understand the scientific basis of life processes at the molecular level.
- Orient towards the application of knowledge acquired in solving clinical problems.

OBJECTIVES:

Knowledge Based:

- Broad understanding of fundamental biological processes
- Describe the molecular & functional organization of a cell & list its sub cellular components.
- Delineate structure, function & interrelationship of various biomolecules & consequences of deviation from normal.
- Summarizes the fundamental aspects of enzymology & clinical applications wherein regulation of enzymatic activity is altered.
- Describe digestion & assimilation of nutrients & consequences of malnutrition.
- Integrate the various aspects of metabolism & their regulatory pathways.
- Explain biochemical basis of inherited disorders with their associated sequelae.
- Outline the molecular mechanisms of gene expression.
- Describe the principles of genetic engineering & their applications in medicine.
- Summarizes the molecular concepts of body defenses & their applications in medicine.
- Familiarize with principles of various lab investigations & instrumentation analysis & interpretation of a given data.
- Suggest experiments to support theoretical concepts & clinical diagnosis.

Skill Based:

- Make use of conventional techniques/instruments to perform biochemical analysis relevant to clinical screening & diagnosis.
- Demonstrate the skills of solving scientific & clinical problems & decision making.
- Prepare students for higher studies or for employment in industry, academia.

Integration:

- Integrate molecular events with structure & function of the body in health & disease.

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Minutes of the meeting of the Board of Studies in the subject of
BIOCHEMISTRY

The meeting of the Board of Studies in the subject of
BIOCHEMISTRY was held on 18 April 2017 in Dept. of Biochemistry ,
SRR & CVR Govt . Degree College (Autonomous), Vijayawada 520004.
The following members attended the meeting:

LIST OF BOS MEMBERS

S.NO	NAME	QUALIFICATION	DESIGNATION	ADDRESS
1.	Mrs.Syed Vaziha Tahaseen	M.Sc,M.Phil,B.Ed	Chairman	I/c. Dept. of Biochemistry SRR&CVR GDC (Autonomous),
2.	Dr. J. Rajeswari	M.Sc, Ph.D	University Nominee	HOD, Dept. of Biochemistry, ANU, Guntur
3.	Dr. P. Kiranmayi	M.Sc, M.Phli, Ph.D	Subject Expert	Asst. Professor, Dept. of Biochemistry, ANU, Guntur
4.	Mrs. Dorka Vijaya Kumari.B	M.Sc, B.Ed	Subject Expert	I/c. Dept. of Biochemistry GCW (Autonomous), Guntur

AGENDA FOR BOS MEETING

Type of meeting: Board Of Studies meeting in Biochemistry subject.

Facilitator & Note Taker: Mrs.Syed Vaziha Tahaseen I/c. Dept. of
Biochemistry.

Attendees: BOS Members.

Time & Date: 10 AM ON 18th April 2017, Tues day

Location: To be held at Dept. of Biochemistry, SRR&CVR GDC

Agenda Items:

- Item 1: Approval of syllabus for Semester I and II for the academic year 2017-18
- Item 2: Approval of Question paper, blue print and model paper
- Item 3: Approval for Internal assessment component, Minimum marks in internal assessment
- Item 4: Approval for Panel of paper- setters and examiners.
- Item 5: Approval for syllabus for UGC sponsored Medical lab Technology course.

Discussions made on the Krishna University biochemistry CBCS syllabus

Paper 1 Biomolecules

The chairperson of the BoS Sd V Tahaseen welcomed the members and introduced the Krishna university syllabus

Agenda: Approval of the syllabus for semester I and II for the academic year 2017-18

Discussion: The following points are discussed

1. The new CBCS syllabus already introduced by KRU was adopted by Autonomy
The board members appreciated the acceptance of university syllabi
2. University nominee Dr. Rajeswari suggested introducing the topic Biological relevance of PH in substitution to ion selective electrodes and oxygen electrodes. The electrodes topic students will learn in chemistry
3. Subject expert Mrs. Dorca Vijaya kumari B suggested to give specific importance to only one polypeptide which is naturally exists instead of learning many polypeptides
The board members decided to keep the glutathione in syllabus
4. Subject expert Dr. P. Kiranmayi suggested to change the title of the topic sequencing of proteins to determination of amino acid composition of proteins
5. Students participating in BoS meetings appreciated the autonomy of the college to make modifications in syllabus up to 20% .

Semester 2 Nucleic acids and biochemical techniques

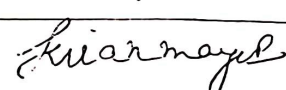
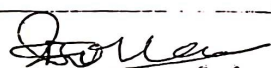
1. No further modifications done, the krishna university syllabus is approved by board of members

RESOLUTIONS

The Chairperson, Board of Studies welcomed the members and initiated discussion on the syllabus for I and II year semesters. She apprised the members of the guidelines of the UGC and the CCE regarding the framing of syllabus, and the recommended evaluation ratio for internal and external examinations. The members discussed in detail the various aspects presented before them and unanimously resolved the following:

Resolutions:

1. Resolved to adopt the present University CBCS syllabus for semester I and II, Medical lab Technology course with the suggested modifications.
2. Resolved to approve the division of marks for internal and external examination along with the suggested blue print and model paper.
3. Resolved to approve the list of paper setters and examiners submitted by the department

S.NO	NAME	DESIGNATION	SIGNATURE
1.	Mrs.Syed Vaziha Tahaseen	Chairman	
2.	Dr. J. Rajeswari	University Nominee	
3.	Dr. P. Kiranmayi	Subject Expert	
4.	Mrs. Dorka Vijaya Kumari.B	Subject Expert	


Principal