

**K.S.RANGASAMY COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
DEPARTMENT OF BIOCHEMISTRY**

MINUTES of the meeting of the Board of Studies in Biochemistry (UG & PG) held on 26.2.2015
at 9.30 A.M. in the Mini AC Hall.

MEMBERS

Dr. G.Saravanan Chairman
Assistant Professor & Head i/c,
Department of Biochemistry,
K.S.Rangasamy College of Arts and Science,
Tiruchengode-637215.

Ms.A.Praveena, Member
Assistant Professor
Department of Biochemistry,
K.S.Rangasamy College of Arts and Science
Tiruchengode

Ms.K.Parimalam, Member
Assistant Professor
Department of Biochemistry
K.S.Rangasamy College of Arts and Science
Tiruchengode

Dr.S.Vadivukkarasi, Member
Assistant Professor
Department of Biochemistry
K.S.Rangasamy College of Arts and Science
Tiruchengode



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Namakkal-Dt. Tamil Nadu, INDIA

4. **Ms.A.Nancy,**
Assistant Professor
Department of Biochemistry
K.S.Rangasamy College of Arts and Science
Tiruchengode
Member


1. **Dr.D.Karunakaran**
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Member

2. **Dr.C. Jayabaskaran**
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Member

Dr. Vasanthi Nachiappan
Professor, Biomembrane lab
Department of Biochemistry
School of Life Sciences
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S. Senthil Kumar
Business Manager
Ranbaxy Laboratories Ltd
Chennai-500015
Member

Mr. A. Muthuganesan
Junior Research Fellow
Department of Plant molecular Biology
Madurai Kamaraj University
Madurai-625021.
Member
Meritorious
Alumni


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Mrs.R.Gowri
Department of Mathematics
K.S.Rangasamy College of Arts & Science,
Tiruchengode - 637 215.

Co-opted
Member

Dr.R.Subramanian
Head/Department of Chemistry
K.S.Rangasamy College of Arts & Science,
Tiruchengode - 637 215.

Co-opted
Member

Dr.R.Pugazendi
Head/Department of Computer Science
K.S.Rangasamy College of Arts & Science,
Tiruchengode - 637 215.

Co-opted
Member

Dr.S.Arjunan
Co-opted Member
Head, Department of Microbiology (UG)
K.S.Rangasamy College of Arts & Science,
Tiruchengode - 637 215.

Co-opted
Member

Mr.M.Pachamuthu
Co-opted Member
Asst Prof., Department of Mathematics (PG)
K.S.Rangasamy College of Arts & Science,
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Co-opted
Member


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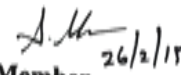
BOARD OF STUDIES (2015-2016)

MEMBERS PRESENT

1. **Dr. G.Saravanan**
Assistant Professor & Head i/c,
Department of Biochemistry,
K.S.Rangasamy College of Arts and Science
Tiruchengode.
2. **Dr.C. Jayabaskaran**
Professor, Department of Biochemistry
Indian Institute of Science
Bangalore, India-560012
Email : cjb@biochem.iisc.ernet.in
3. **Mr. A. Muthuganesan**
Junior Research Fellow
Department of Plant molecular Biology
Madurai Kamaraj University
Madurai-625021.
4. **Ms.A.Praveena,**
Assistant Professor
Department of Biochemistry,
K.S.Rangasamy College of Arts and Science
Tiruchengode.
5. **Ms.K.Parimalam,**
Assistant Professor
Department of Biochemistry
K.S.Rangasamy College of Arts and Science
Tiruchengode.
6. **Dr.S.Vadivukkarasi,**
Assistant Professor
Department of Biochemistry
K.S.Rangasamy College of Arts and Science
Tiruchengode


Chairman 26/2/15



Member


Member 26/2/15


Member 26/2/15


Member 26/2


Member 26/2/15


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DEPARTMENT OF BIOCHEMISTRY (UG & PG)

BOARD OF STUDIES (2015-2016)

UG Syllabus

Semester III

1. Enzymology- Unit IV- Heading included as Regulation of enzymes.

Semester IV

2. Bioenergetics and Intermediary Metabolism-Unit II: Carbohydrate metabolism - Include as heading, Unit IV –include serine and tyrosine.
3. Core Practical IV- Intermediary metabolism- Spelling mistake Nelson Somogyi method corrected.

Semester V


4. Molecular Biology: Unit I- Include title “Genetic material”
5. Nutritional Biochemistry – Kcal is changed to lowercase.

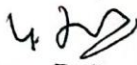
Semester VI

6. Genetic Engineering- Unit V- Heading included as Gene Transformation
7. Elective II Biomedical Instrumentation- Unit I - Heading included as Biomedical Instrumentation.

Others

- Next academic year (2016-2017) onwards Value Added Course introduced to the other department II UG students – Related to Basic Biochemistry.


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Chairman- BoS
(Dr.G.Saravanan)

HEAD
Department of Biochemistry
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PG Syllabus

Semester I

1. Analytical Biochemistry-Unit III (HPTLC should be under partition chromatography).
2. Molecular Biology - Genomes by T.A.Brown to be included as textbook.

Semester II


3. Plant Biochemistry: Unit II- Dormancy to be specified as seed dormancy and Senescence as biochemistry of senescence. Unit IV- Enzymes and proteins can be modified as peptides.
4. Recombinant DNA Technology- Unit I-Ligase can be mentioned as DNA ligase, Unit IV-No need of repetition of libraries. Unit V- rearrangement of sentence – Plant transformation using....., Gene therapy in Bold.
5. Elective II: Environmental Biochemistry: Unit V -Microbial fuel cells to be specified.
6. Practical II: Estimation of chlorophyll from leaves., Induction and maintenance of callus using explants.

Semester III

7. Clinical biochemistry – test based on bile pigment metabolism is changed to pigment level. Suggestions to include updated text books.
8. Molecular immunology & immunotechnology – Suggestions to include updated text books

Semester IV

9. Hormonal Biochemistry & Biochemical Pharmacology-Unit III- Rearrangement of Topics
10. IDC: Pharmaceutical Chemistry – Unit V- Screening can be changed as Analysis.
11. IDC: Pharmaceutical Chemistry Practical – chromatographic techniques like TLC, silica gel, aluminium oxide column to be included.


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