

Minutes of the Meeting of Board of Studies in Biochemistry (PG)

PG and Research Department of Biochemistry

A meeting of the Board of Studies in Biochemistry (PG) was held on Saturday, **9th November, 2022** at **3.30 P.M.** through **Google meet**. The meeting was started with a prayer led by **Dr. A. Jayaprakash. Dr. A.C. Gomathi** welcomed the gathering with her warm words. **Dr. A. Jayaprakash** expressed the words of gratitude.

Members Present

Chair Person Dr. A.C. Gomathi

Members

1. Dr. A. Jayaprakash
2. Dr. M. Fernandus Durai
3. Dr. A. Poongothai
4. Dr. I. Niyas Ahamed
5. Dr. G. Sivaelango
6. Dr. V. Gopalakrishnan
7. Dr. K. Prabu
8. Mrs. K. Sheela

University Nominee

Dr. Maria Arokianathan,
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Email-ID: pmanathan26@gmail.com

Subject Expert

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Professor & Head, Dept. of Biochemistry,
Govt. Arts College for women,
Krishnagiri- 635002
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Email-ID: jayanthijr2011@gmail.com

Industrialist

Dr. K. Ramalingam

Chief Executive Officer,
Discoveree laboratory,
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Bhanu Nagar, pudur, Ambathur,
Chennai
Mobile no.:9490166078
Email-ID: ramesh@globalcalciumpharma.com

Alumni Representatives

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Email-ID: selvamunom@gmail.com

Student Representatives: II PG Biochemistry

1. Shyam Chandar B – BP210910

Agenda


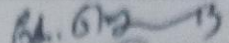
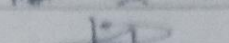
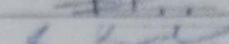

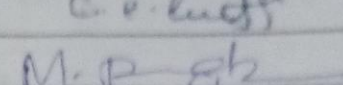
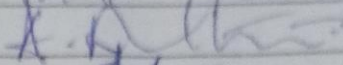
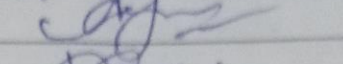
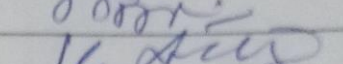
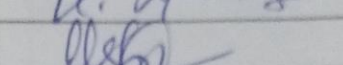
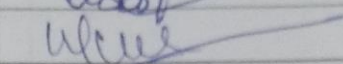
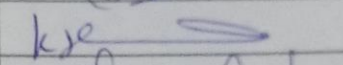
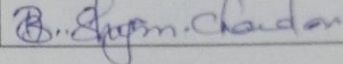
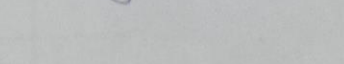
1. To review the Course objectives and course outcomes of revised syllabus for theory papers and practical's for the first and second year M.Sc. Biochemistry students admitted during the academic year 2021-2022 and thereafter.

Suggestions

1. Some minor corrections were made in the course objectives and course outcomes in few papers
2. Feedbacks regarding the syllabus were collected from students representatives and board members

Resolutions

1. The board resolved to recommend the corrections that have been suggested in the M.Sc. Biochemistry curriculum. The necessary corrections will be incorporated in e syllabus and also the suggestions will be carried out in next revision.

S.No.	NAME	MEMBER	SIGNATURE
1.	Dr. Maria Arokianathan	University Nominee	
2.	Dr. G. Jayanthi	Subject Expert	
3.	Dr. K. Ramalingam	Industrialist	
4.	Dr. S. Selvaraj	Alumni Representative	
5.	Dr. A.C. Gomathi	Chair Person	
6.	Dr. M. Fernandus Durai	Board Member	
7.	Dr. A. Poongothai	Board Member	
8.	Dr. A. Jayaprakash	Board Member	
9.	Dr. I. Niyas Ahamed	Board Member	
10.	Mr. G. Sivaelango	Board Member	
11.	Dr. V. Gopalakrishnan	Board Member	
12.	Dr. K. Prabu	Board Member	
13.	Mrs. K. Sheela	Board Member	
14.	Mr. B. Shyam Chandar	Student Representative	

Subject Expert**Dr. G. Jayanthi**

Professor & Head, Dept. of Biochemistry,

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Mobile No.: 9486254480

Email-ID: jayanthijr2011@gmail.com**Industrialist****Dr. G. Prem Kumar, Ph.D.,**

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Alumni Representative**Dr. C. Sharmila**

Asst. Professor, PG & Research Department of Biochemistry,

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Shollinganallur, Chennai 600 119.

Mobile: 8489019508

Email-ID: sharmilife26@gmail.com**Student Representatives**

II PG Biochemistry

- Shyam Chandar B - BP210910**Member Absent**

Dr. A. Poongothai (Maternity Leave)

Agenda

1. To review the overall syllabi of theory papers and practical's for the first and second year of M.Sc. Biochemistry and PGDMLT students admitted during the academic year 2021-2022.
2. To review the skill subject to be offered by the PG Department of Biochemistry to Don Bosco Center for skill development.
3. To collect and analyze the feedbacks regarding M.Sc., Biochemistry and PGDMLT curriculum from board members and student representatives.

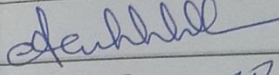
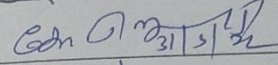
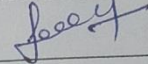
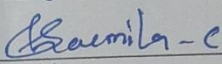
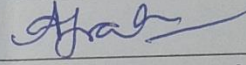
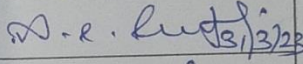
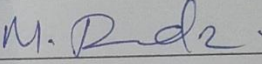
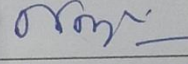
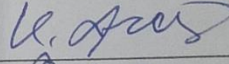
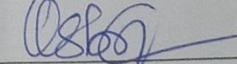
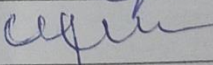
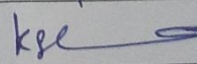
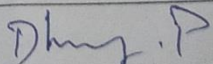
Suggestions

2. It was suggested to provide Advanced Human Nutrition as the skill subject to Don Bosco Center for skill development.
3. Overall syllabi of theory papers and practical's of M.Sc. Biochemistry and PGDMLT were gone through. It was suggested to follow the existing syllabi of M.Sc. Biochemistry and PGDMLT curriculum.

Resolutions

The board resolved to recommend the existing syllabi of M.Sc. Biochemistry and PGDMLT curriculum for forth coming years.

UG BOARD MEMBERS LIST

S.No.	Name	Member	Signature
1.	Dr. A. Gokulakrishnan	University Nominee	
2.	Dr. G. Jayanthi	Subject Expert	
3.	Dr. G. Prem Kumar	Industrialist	
4.	Dr. C. Sharmila	Alumni	
5.	Dr. A. Jayaprakash	Chairman	
6.	Dr. A.C. Gomathi	Member	
7.	Dr. M. Fernandus Durai	Member	
8.	Dr. A. Poongothai	Member	MATERNITY LEAVE
9.	Dr. I. Niyas Ahamed	Member	
10.	Dr. G. Sivaelango	Member	
11.	Dr. V. Gopalakrishnan	Member	
12.	Dr. K. Prabu	Member	
13.	Mrs. K. Sheela	Member	
14.	Ms. P. Dhivya	Student Representative	

SKILL PAPER OFFERED BY THE PG DEPARTMENT OF BIOCHEMISTRY

HUMAN NUTRITION AND DIETETICS

TOTAL HOURS : 30 Hours

PRACTICALS : 18 Hours

THEORY : 12 Hours

ELIGIBILITY:

This course is open to all UG and PG students belonging to any discipline.

COURSE OBJECTIVES:

- Provides fundamental knowledge on Human Nutrition and hands-on training on Planning and calculating nutritive value of balanced diet for different age groups and for different disease conditions.

COURSE OUTCOMES

Students will be able to

- Maintain good nutritional status of normal as well as patients
- Modify the daily diet pattern of patients to meet their requirements.
- Recommend and provide appropriate nutritional care for prevention and treatment of the various diseases.

CONTENTS:

- Balanced diet
- Planning and calculating nutritive value of balanced diet for different age groups
 - Preschool age and Childhood,
 - Adolescence and
 - Geriatric
- Determining nutritional requirements for different physiological stages of life cycles
 - Pregnancy, Lactation and Infancy,
 - RDA,
 - Food exchange list.
 - Planning of diet for Pregnant and Lactating women.

- Enrichment and Fortification of daily diet and its importance.
- Nutrition for Skin and Hair, Planning and calculating nutritive value for healthy skin and hair.
- Bone Health and Nutrition, Planning and calculating nutritive value for Growth and development of bone.
- Sports Nutrition, Planning and calculating nutritive value for Sports person.
- Nutrition in Immunity- Role of nutrition in infections
- Planning of diets for following disease conditions:
 - Fever
 - Malabsorption disease
 - Diabetes Mellitus- IDDM and NIDDM
 - Ulcer
 - Anemia
 - Hypertension and Chronic heart diseases
 - Liver diseases and Pancreatitis
 - Kidney diseases

EVALUATION:

Evaluation pattern will be

Fully Internal Evaluation (Total 100 Marks)

Test : 25 marks

Diet Chart Preparation : 25 Marks

Case Study Report : 50 Marks

Score of 40% is declared pass in the skill subject.

REFERENCE BOOKS:

- (1) Betsy B. Holli Judith A. Beto, Krause's Food & the Nutrition Care Process, 13th edition, Saunders Elsevier, 2011.
- (2) Maurice Edward Shils, Moshe Shike, Lippincott Williams & Wilkins, Modern Nutrition in Health and Disease, Mc Graw Hill, 2006.
- (3) Martha H. Stipanuk, Biochemical, Physiological, and Molecular Aspects of Human, 2012.
- (4) Krause's Food & the Nutrition Care Process (Krause's Food & Nutrition Therapy), 13ed, Mahan, 2011.