

Dr. N. G. P. ARTS AND SCIENCE COLLEGE, COIMBATORE-48
(An Autonomous institution, Affiliated to Bharathiar University, Coimbatore-46)

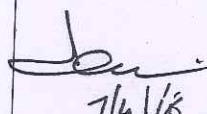
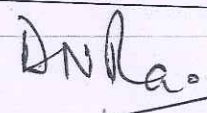



DEPARTMENT OF BIOCHEMISTRY (UG & PG)
BOARD OF STUDIES MEETING

Date: 07.04.2016

Venue: Room No 108

Time: 9:30 a.m

The following members were present for the board of studies meeting

S.No	Name and Address	Position	Nominated by	Signature
1	Dr. J. Karthikeyan, Head and Associate Professor, Department of Biochemistry, Dr. N. G. P. Arts and Science College, Kalapatti, Coimbatore - 48.	Board Chairman	Principal	 7/4/16
2	Dr. D. Narasimha Rao, Professor, Indian Institute of Science, Bangalore. Dr. D. Karunakaran, Professor, Department of Biotechnology, Bhupat and Jyoti Mehta School of Biosciences, Indian Institute of Technology Madras, Chennai - 600 036.	Member Member	Academic Council Academic Council	 
3	Dr. S. Niranjali Devaraj, Professor and Head, Department of Biochemistry, University of Madras, Guindy Campus, Chennai.	Member	Vice Chancellor	
4	Dr. P. Chinnasamy, Director, Institute of Laboratory Medicine, Kovai Medical Center and Hospital, Coimbatore.	Member representing industry	Academic Council	

5	Dr. Poongodai, Assistant Professor, Department of Biotechnology Dr. N. G. P. Arts and Science College, Kalapatti, Coimbatore - 48.	Co-opted Member	Principal	<i>M. Poongodai</i> 7/4/16
6	Mr. S. Logesh Senior Associate Scientist Syngene International Limited, Biocon Park, Plot 2 and 3 Bommasandra Jigani Link Road, Bangalore-560099	Meritorious Alumni	Principal	<i>R. Logesh</i> 07 APR 2016
7	Dr. N. Kannika Parameswari, Professor, Department of Biochemistry Dr. N. G. P. Arts and Science College, Kalapatti, Coimbatore - 48.	Member	Principal	<i>Nery</i> 7/4/16
8	Dr. S. Gowri, Professor, Department of Biochemistry Dr. N. G. P. Arts and Science College, Kalapatti, Coimbatore - 48.	Member	Principal	<i>Gowri</i> 7/4/16
9	Dr. C. Venkatesan, Associate Professor, Department of Biochemistry Dr. N. G. P. Arts and Science College, Kalapatti, Coimbatore 48.	Member	Principal	<i>Venkatesan</i> 07/04/2016
10	Mrs. T. Indhumathi, Assistant Professor (SG) Department of Biochemistry Dr. N. G. P. Arts and Science College, Kalapatti, Coimbatore 48.	Member	Principal	<i>T. Indhumathi</i> 7/4/16
11	Mrs. P. A. Vasundra Devi, Assistant Professor (SG) Department of Biochemistry Dr. N. G. P. Arts and Science College, Kalapatti, Coimbatore 48.	Member	Principal	<i>On Leave.</i> 7/4/16
12	Mrs. K. Rajathi, Assistant Professor, Department of Biochemistry, Dr. N. G. P. Arts and Science College, Kalapatti, Coimbatore - 48.	Member	Principal	<i>Rajathi</i>

J. Karthikeyan
Dr. J. Karthikeyan, M.Sc., M.Phil., Ph.D.,
Associate Professor and Head
Department of Biochemistry
Dr. N.G.P. Arts and Science College.
Coimbatore - 641 048.

M. R. Muthuswamy
Dr. R. R. MUTHUSWAMY
Principal
Dr. N.G.P. Arts and Science College
Dr. N.G.P. - Kalapatti
Coimbatore - 641 048
Tamilnadu, India

The following resolutions were approved in the Board of Studies meeting

- Resolved to approve the NMEC course for 2015-2016 batch as Bioinstrumentation for Employability instead of General Biochemistry
- Resolved to approve the revised syllabus for the students admitted during 2016-2017 batch and onwards for UG and PG courses.
- Resolved to approve for earning extra credits(maximum 5 credits) by the students
- Resolved to approve the self study paper offered by the department
- Resolved to approve Panel of Question Paper Setters and Examiners for Evaluation in B.Sc and M.Sc Biochemistry
- Resolved to approve and follow the existing syllabus for Post graduate Diploma in Clinical Laboratory Technology for 2016-2017 batch and onwards
- The Board authorized the Chairman to make any necessary change, if required

UG Biochemistry

- Resolved to include the topic steroid hormones, peptide hormones and enzymes in Unit II and unit III respectively and include the West and Todd reference for Biomolecules in I semester.
- Approved to include the instruction hour for Practical I in the I semester and practical examination can be conducted at the end of the year
- Resolved to remove Lab pre-cautions of Practical I in I semester
- Resolved to remove functional and non functional enzymes in unit I of Enzyme and Enzyme Technology paper in III semester
- Approved to add topic on rpm, g value and conversion factors(g to rpm) and the details of Colorimetry in unit IV of Bioinstrumentation in III semester.
- Approved to change the Basic Mathematics and statistics subject to IV semester and computer allied papers to III semester
- Approved to include the Instruction hour for Bioinformatics Practical in the III semester and six hours practical examination can be conducted at the end of the year
- Resolved to remove all the management of diseases in all five units in health management elective paper and rename the paper as basic concepts of health.
- Resolved to include the reference book Harper's Biochemistry in Intermediary metabolism of IV semester
- Approved to do experiments using unknown solutions in Core practical II of IV semester
- Resolved to change the subject name as Basic Mathematics and statistics instead of Basic Mathematics as in IV semester
- Resolved to change the topic as skeletal muscle instead of musco skeletal system in Human physiology of V semester
- Resolved not to include functional and non-functional enzymes in clinical biochemistry of V semester

- Resolved to change the first line as Introduction to nutrition and role of diet instead of role of nutrition, include the topic alkaptonuria and protein calorie malnutrition-kwashiorkor and marasmus in unit IV of Nutritional Biochemistry in V semester
- Resolved to change the title to immunology instead of Immunology and immunotechniques in VI semester
- Resolved to change the topic as historical development of immunology, Change topic as tube instead of table agglutination, include monoclonal antibodies and CD4 and CD 8 cell count in unit V of Immunology paper in VI semester.
- Approved to correct the Reference and text book for genetic engineering in VI semester
- Resolved to include SDS PAGE In core practical IV in VI semester

PG Biochemistry

- Resolved to restructure the syllabus in Biopolymer of I semester
- Approved to include additional topics in Unit V of Enzyme and Enzyme Technology in I semester
- Approved to change the instruction hours for core practical I as 5 hours from 4 hours and Change the estimation of SOD, GPx and LPO in tissue instead of serum in I semester
- Resolved to revise the unit IV in Microbial Biochemistry of II semester
- Resolved to mention the name of autoimmune disorders in Immunology of II semester
- Resolved to include Deficiency manifestation of Vit D, Vit A, Vit C and Vit B12 in unit IV of Advanced clinical Biochemistry of II semester
- Resolved to restructure the syllabus in Molecular Biology of II semester
- Approved to change the title as metabolic regulations instead of Metabolism and Metabolic regulation in III semester
- Resolved to remove endocrine in Pancreas and include adrenal hormones- epinephrine and nor epinephrine in unit IV of Endocrinology in III semester
- Resolved to remove experiment 16 in core practical III of III semester
- Resolved to remove clinical microbiology portions in core practical IV of IV semester and Add PTC in core practical III
- Approved to remove core practical IV in IV semester. Only project should be conducted in the IV semester, In the scheme all the practical marks proportions should be equal (as 60(External): 40(internal))



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