


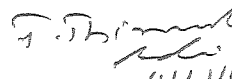




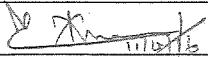


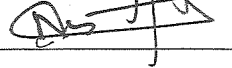
DR.N.G.P. ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
DEPARTMENT OF MICROBIOLOGY
BOARD OF STUDIES MEETING

VENUE : Instrumentation room

DATE : 11.04.2016

TIME : 10:30 AM

The following members were present for the Board of studies meeting

S.NO.	NAME	POSITION	SIGNATURE
1.	Dr.S.S.Sudha, Professor and Head	Chairman	 11/4/16
2.	Dr. T. Thirunalasundari Professor and Head Department of Industrial Biotechnology Bharathidasan University, Tiruchirappalli-620 024	Member (Subject Expert)(Nominated by Vice Chancellor)	 11/4/16
3.	Dr. M. Jayalakshmi, Assistant Professor, Department of Immunology, Center for Excellence in Genomic Sciences, School of Biological Sciences, Madurai Kamaraj University, Madurai – 625 021	Member Subject Expert)(Nominated by Academic Council)	
4.	Dr. K. Sankaran, Professor, Centre for Biotechnology, Anna University, Chennai. 2235 8363(O) 2442 3613(R) ksankaran@annauniv.edu, ksankran@yahoo.com	Member Subject Expert)(Nominated by Academic Council)	-
5.	Dr. V. Chandrasekar, Laboratory Director, Bioline Laboratory, Cbe	Member (Industrial expert)	 11/4/16
6.	Mr. N S. Maanoj, Research Specialist, TCR Multi Speciality Hospital and Snake Bite Research Centre, Krishnagiri – 635 001.	Meritorious Alumni	 11/4/16
7.	Dr. D. Geetha Ramani, Associate Professor	Member	
8.	Mrs. N. Vidhya, Assistant Professor (SG)	Member	-
9.	Mr. E. Kumaran, Assistant Professor (SG)	Member	 11/4/16
10.	Dr. J. Renga Ramanujam, Associate Professor,	Member	
11.	Mr. S. Senthil Prabhu, Assistant Professor	Member	
12.	Mrs. C. Sasikala, Assistant Professor	Member	
13.	Mrs. Nisha Jayasankar, Assistant Professor	Member	
14.	Mrs. M. Revathi, Assistant Professor , Department of Mathematics	Co-opted Member	-

Dr. N. G. P. ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
PG and Research Department of Microbiology
Minutes of BOS Meeting
(UG and PG Microbiology)

Date: 11.04.2016

Time: 10.00AM

Venue: Instrumentation Lab

The meeting was started by the welcome address given by Dr. S. S. Sudha, Professor and Head, Department of Microbiology. Board of studies of Microbiology unanimously resolved the following resolutions.

1. The Board introduced and approved the revised scheme of examination and syllabus for B. Sc., Microbiology for the candidates admitted from 2016 – 2017 batch and onwards in Core, Allied, Skill based and Elective papers as:

Revised scheme of Examination for B. Sc., Microbiology
(2016-2017 Batch and onwards)

Subject Code	Subject	Hrs of Instruction	Exam Duration (Hrs)	Max Marks			Credit Points
				CA	CE	Total	
First Semester							
Part - I							
16UTL11T 15UHL11H 15UML11M 15UFL11F	Tamil-I Hindi-I Malayalam-I French - I	6	3	25	75	100	4
Part - II							
16UEG12E	English - I	6	3	25	75	100	4
Part - III							
16UMB13A	Core-I: Fundamentals of Microbiology	6	3	20	55	75	3
16UMB13P	Core Practical- I	6	6	30	45	75	3
16UMA1AB	Allied- I: Basic Mathematics	4	3	20	55	75	3
Part - IV							
15UFC1FA	Environmental Studies	2	3	-	50	50	2
		30				475	19
Second Semester							

15UFC3FC 15UFC3FD 15UFC3FE	for Human Excellence / Women's Rights/ Constitution of India						
		30				600	24
Fourth Semester							
Part - I							
15UTL41T 15UHL41H 15UML41M 15UFL41F	Tamil-IV Hindi-IV Malayalam-IV French - IV	5	3	25	75	100	4
Part - II							
16UEG42E	English-IV	5	3	25	75	100	4
Part - III							
16UMB43A	Core-IV: Bioinstrumentation	4	3	20	55	75	3
16UMB43P	Core Practical- IV	4	6	40	60	100	4
16UBC4AA	Allied- IV: Biochemistry II	3	3	20	55	75	3
16UBC4AP	Allied Practical - II: Biochemistry	2	3	20	30	50	2
Part - IV							
16UMB4SA	Skill based Subject- 2: Entrepreneurial Microbiology	3	3	20	55	75	3
	NMEC - II	2	2	-	50	50	2
15UFC4FA 15UFC4FB 15UFC4FC	Tamil Advanced Tamil (OR) General Awareness	2	3	-	50	50	2
		30				675	27
Fifth Semester							
Part - III							
16UMB53A	Core-V: Microbial Genetics	4	3	20	55	75	3
15UMB53B	Core-VI: Immunology	5	3	20	55	75	3
16UMB53C	Core-VII: Food Microbiology	4	3	20	55	75	3
16UMB53D	Core-VIII: Medical	4	3	20	55	75	3

ELECTIVE - I

(Student shall select any one of the following subject as Elective - I in fifth semester)

S.No	Subject Code	Name of the Subject
1.	16UMB5EA	Recombinant DNA Technology
2.	15UMB5EB	General Biology
3.	16UMB5EC	Human Physiology

ELECTIVE - II

(Student shall select any one of the following subject as Elective - II in sixth semester)

S.No	Subject Code	Name of the Subject
1.	16UMB6EA	Environmental and Agricultural Microbiology
2.	16UMB6EB	Intermediate Metabolism
3.	15UMB6EB	Hematology

ELECTIVE - III

(Student shall select any one of the following subject as Elective - III in sixth semester)

S.No	Subject Code	Name of the Subject
1	15UMB6EA	Biotechnology
2	16UMB6EE	Enzyme Technology
3	16UMB6EF	Forensic Science

Self Study Paper

S. No.	Semester	Course Code	Course Title	Maximum Marks	Total Credit
1.	I sem to V sem	16UMBSS1	Good Laboratory Practices	50	01
2.		16UMBSS2	Food Sanitation	50	01


	MICROBIOLOGY						
16PMB23P	CORE PRACTICAL- II	5	9	40	60	100	4
	ELECTIVE- II:	5	3	25	75	100	4
		30				600	24
Third Semester							
16PMB33A	CORE - IX: PRINCIPLES OF IMMUNOLOGY	5	3	25	75	100	4
15PMB33B	CORE - X: BIOPROCESS TECHNOLOGY	5	3	25	75	100	4
16PMB33C	CORE - XI: BIOTECHNOLOGY	5	3	25	75	100	4
16PMB33D	CORE - XII: MEDICAL MICROBIOLOGY	5	3	25	75	100	4
16PMB33P	CORE PRACTICAL- III	5	9	40	60	100	4
	ELECTIVE - III:	5	3	25	75	100	4
		30				600	24
Fourth Semester							
16PMB43A	CORE - XIII: BIOSTATISTICS AND RESEARCH METHODOLOGY	5	3	25	75	100	4
16PMB43B	CORE - XIV: BIOETHICS, BIOSAFETY AND IPR	5	3	25	75	100	4
16PMB43V	CORE- PROJECT AND VIVA VOCE	15	-	75	75	150	6
	ELECTIVE - IV:	5	9	40/25	60/75	100	4
		30				450	18
TOTAL						2250	90

2.	16PMB4EP	Practical
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5. Resolved to introduce and approve by the board for earning extra credits (Maximum 5 Credits) by the PG Microbiology students admitted from 2016-2017 batch and onwards.

**Earning Extra credits is not mandatory for course completion
Extra Credits**

Part	Subject	Credit	Total credits
	Publication with ISSN Journal	1	1
	Hindi /Other Foreign language	1	1
	Paper Presented in Sponsored National/ International Seminar/conference/ workshop	1	1
	Online Courses Prescribed By Department / Self study paper	1	1
	Representation - Academic/Sports /Social Activities/ Extra Curricular Activities at University/ District/ State/ National/	1	1
	Total	5	5


Dr. S.S. SUDHA, M.Sc., Ph.D., MBA.,
 Professor & Head
 Department of Microbiology
 Dr. N.G.P. Arts & Science College
 Coimbatore - 641 048, TN, India