

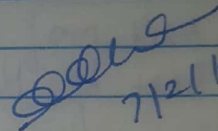
2018-2019

M.Sc., MICROBIOLOGY

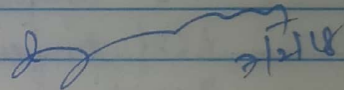
### Board of Studies - Minutes

Board of Studies held on 07/02/2018 at 10.30 AM in the college premises, Dept of Microbiology. Members of the board of Studies thoroughly analyzed the syllabus for M.Sc., Microbiology. The following members are present.

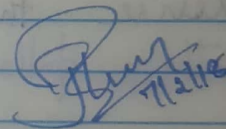
1. Dr. S. Sudhakar, (University Nominee)  
Head, Asst Professor  
Manonmaniam Sundaranar University,  
Pirunelveli - 627012

  
7/2/18

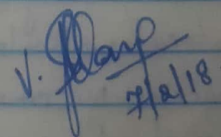
2. Dr. D. Prabhu (Industrialist)  
Managing Partner,  
IC Food Industry,  
F/S, Ganagiri Road,  
Sivakasi - 626189

  
7/2/18

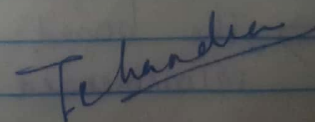
3. Dr. J. Raja Brindha (Subject Expert-I)  
Assistant professor, Dept of Biomedical Science & Technology  
Kalaya College of Arts & Science Noorul Islam University,  
Kanyakumari - Dt. Kumarakoil, Thuckalay - 629180

  
7/2/18

4. Dr. Joice Sekra Mary Albert,  
HoD, Asst prof  
St. Mary's College  
Puttocoin

  
7/2/18

5. T. Chandrakala  
QC Incharge

  
T. Chandrakala

Britto Seafoods Exports Pvt Ltd  
C-1 part Bicut Industrial Complex  
Madathur  
Tuticora - 628008.  
7305669393

Dr. R. Jani Rani  
Head, Dept of Microbiology

Uth Chandan  
7/2/2018

Dr. K. Uchitra  
Asst prof  
Dept of Microbiology

Uth Chandan  
7/2/2018

Mrs. Shajitha  
Asst. professor  
Department of Microbiology,  
Sidadakullah Appa college

\* Resolved to introduce the new Courses and  
revise the Syllabus as mentioned in the annexure.  
→ The following changes has been made in the

core & Elective papers.

- 1) Microbial physiology & Metabolism to be placed in the I-Semester; vitology paper is fixed as single core paper Nanotechnology is Combined with Biotechnology
  - 2) Molecular Biology is fixed in the II semester, food & Dairy microbiology is transferred to the IV semester.
  - 3) Genetic Engineering is fixed in the III semester, Research methodology is fixed in the IV semester.
- The board members of M.Sc., Microbiology are recommended to restart the course

M.Sc., Microbiology in the academic year 2018-2019 onwards.

Course structure of M.Sc., Microbiology is designed with the following papers.

- DSC 1. general Microbiology & Bacteriology
- DSC 2. Techniques in Microbiology
- DSC 3. Virology Microbial Biochemistry
- DSC 4. Virology
- DSC 5. Microbial physiology & Metabolism
- DSC 6. Molecular Biology & Genetic Engineering
- DSC 7. Medical Microbiology
- DSC 8. Immunology
- DSC 9. ~~Microbiology~~ Bioinformatics & Biostatistics
- DSC 10. Food & Dairy MB
- DSC 11. Industrial MB ; DSC 12. project
- DSE 1A Quality Assurance in Microbiology
- DSE 1B Medical Lab Technology
- DSE 2A Agricultural Microbiology
- DSE 2B ~~Microbiology~~ Nanotechnology
- DSE 3A Pharmaceutical Microbiology
- DSE 3B ~~Microbiology~~ <sup>Biotechnology</sup>
- DSE 4 <sup>Biotechnology</sup> ~~Microbiology~~ <sup>Research & Methodology</sup>; DSE 4 A - Vermiculture & Mushroom Cultivation
- DSCP<sup>A</sup> - 6 (I - VI)
- DSEP - 2

*U. Chakrabarti*  
7/2/2018

CHAIRMAN / CHAIRPERSON

*M. Kamran*  
DEAN OF SCIENCES 7/2/18

*[Signature]*  
PRINCIPAL



# Sadakathullah Appa College

(Autonomous)

(Re-Accredited with 'A' Grade By NAAC\*ISO 9001 : 2008 Certified)

## Annexure -I

### Department of Microbiology (PG)

The Board of Studies of Department of Microbiology (PG) was held on 07.02.2018 for the approval of 2018-2021 syllabus. The number of new courses, courses focussing on Skill Development / Employability / Entrepreneurship, the percentage of revision are mentioned below.


**New Courses introduced- Nil**

**Courses focused on Skill development/Employability/Entrepreneurship**

S. No	Title of the course	Course Code	Category
1	Techniques in Microbiology	18PCMB12	Skill Development
2	Quality Assurance in Microbiology	18PEMB1A	Employability
3	Medical Laboratory Technology	18PEMB1B	Skill Development
4	Techniques in Microbiology	18PCMB1P1	Skill Development
5	Techniques in Bacteriology and Biochemistry	18PCMB1P2	Skill Development
6	Techniques in Virology and Microbial Physiology	18PCMB2P1	Skill Development
7	Techniques in Molecular Biology and Genetic Engineering	18PCMB2P2	Skill Development
8	Medical Microbiology	18PCMB31	Employability
9	Immunology	18PCMB32	Employability
10	Bioinformatics and Biostatistics	18PCMB33	Skill Development
11	Pharmaceutical Microbiology	18PEMB3A	Employability
12	Entrepreneur in Microbiology	18PIMB31	Skill Development
13	Food Microbiology	18PCMB41	Employability
14	Industrial Microbiology	18PCMB42	Employability
15	Project	18PCMB43	Skill Development/ Employability
16	Vermi Technology and Mushroom Cultivation	18PEMB4A	Entrepreneurship
17	Bioinstrumentation and Research Methodology	18PEMB4B	Skill development
18	Techniques in Food and Industrial Microbiology	18PCMB4P1	Skill Development
19	Techniques in Applied Microbiology	18PCMB4P2	Skill Development
20	Microbiology and Human Health	18PIMB21	Skill Development

Total Percentage of Revision: Nil.

Total number of Courses: 30

  
PRINCIPAL