

B.Sc. Microbiology

Board of Studies

The board of studies meeting is held on ~~28/12~~ 15/3/2021 at 10:30 AM in the Department of Microbiology. Members of the board of studies thoroughly analysed the newly formed syllabus based on the KCET, Tanzeel and local (MSU) university syllabus.

12 DSC (Discipline Specific course)

1. Microbial World & Bacteriology.
2. Virology, Phycology, Mycology and Parasitology.
3. Microbial physiology and Metabolism.
4. Biochemistry
5. Environmental Microbiology.
6. Microbial Genetics
7. Immunology
8. Biotechnology.
9. Food & Dairy Microbiology
10. Medical Microbiology
11. Industrial Microbiology
12. Agricultural Microbiology.

Discipline Specific Elective (DSE)

1. Medical Lab Technology Microbial Nanotechnology
2. Bioinformatics
3. Genetic Engineering & Project

Allied (A)

1. Aquatic Microbiology
2. Entrepreneur on Microbiology
3. Analytical Bioinstrumentation
4. Pharmaceutical Microbiology & Quality Assurance.

Practicals

Discipline Specific ~~Practical~~ ^{Core} Practical (DSEPr)
DScp 1 to DScp 8

Allied Practical

Allied 2+2

Environmental Studies & value Education are common in Ist and IInd sem respectively

The members of the board of studies recommended the project may be shifted to V Semester from VI Semester.

* The research project may be helpful to publish a paper and also they present their work in state/national/international seminars.

* For the ~~st~~ equal sharing of the course, the add on course may be shifted to II year, - this is also the recommendation of U.Nominee & Subject expert

In addition to the recommendations suggested by NAAC, Autonomy review Committee, the members of the Board of Studies were also recommended to implement the allied subjects like Chemistry or Zoology or Botany to strengthen the curriculum & for the benefit of student employment opportunities.

The members are,

- 1. Dr. C.S. Silvaru Kumbagase *Chairman* C.S.K. Jeyaraj 15/05/2021
Asst. Prof, Microbiology, St. Mary's College, Tuticorin University nominee
- 2. M. D. Kannan D.K. 15/05/2021
Asst. Prof & HOD of Microbiology, K.R. Arts & College of Arts & Science, Kovilpatti Subject Expert - I
- 3. Dr. Jeyakumar, Asst. Professor R. Prasad 15/05/2021
W, Dept of Microbiology, Kamaraj Arts & Science College, Sivasandi Subject Expert - II
- 4. Dr. R. Janet Rani Uthir Prasad
Chairman
- 5) Dr. K. Chitra Chitra
member
- 6) Dr. M. Senithil S. S. M. E.
"
- 7) Mr. S. Hameedullah Sharief [Signature]
"
- 8. Dr. Peraz Khan K [Signature]
"
- 9. Dr. M. Mahabhar M. Mahabhar
"
- 10. Dr. K. Karitha K. Karitha
"
- 11. Dr. C. Fernando C. Fernando
"

* The members of the Board of Studies resolved to introduce the new course & revise the syllabus as mentioned in the annexure.

Chairman / BOS, Microbiology
Uthir Prasad
15/3/2021

Dr. R. Janet Rani
M.Sc. in Microbiology
Head and Assistant Professor
Department of Microbiology
Sri Lanka Open University
Rahma, 2009, Tuticorin
Kanniyakumari District
Tamil Nadu, India
CHAIRMAN / CHAIRPERSON

[Signature]
DEAN OF SCIENCES

[Signature]
PRINCIPAL



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Annexure –I

Department of Microbiology (UG)

The Board of Studies for the Department of Microbiology (UG) was held on 15.03.2021 for the approval of 2021-2024 syllabus. The number of new courses, courses focussing on Skill Development / Employability / Entrepreneurship, the percentage of revision are mentioned below.

New Courses introduced

S. No	Title of the course	Course code
1	Entrepreneur in Microbiology	21UAMB21
2	Techniques in Entrepreneur Microbiology	21UAMB2P1
3	Veterinary Microbiology	21UEMB1B
4	Plant Pathology and Disease Management	21UEMB2A
5	Herbal Technology	21UEMB3B
6	Public Health Microbiology	21UEMB3C

Courses focused on Skill development/Employability/Entrepreneurship

S. No	Title of the course	Course Code	Category
1	Aquatic Microbiology	21UAMB11	Skill Development
2	Techniques in Microbiology and Microbial Diversity	21UCMB1P1	Skill Development/ Employability
3	Techniques in Aquatic Microbiology	21UAMB1P1	Skill Development/ Employability
4	Entrepreneur in Microbiology	21UAMB21	Skill Development/ Employability/ Entrepreneurship
5	Techniques in Entrepreneur Microbiology	21UAMB2P1	Skill Development/ Employability/ Entrepreneurship
6	Veterinary Microbiology	21UEMB1B	Skill Development/ Employability
7	Plant Pathology and Disease Management	21UEMB2A	Skill Development/ Employability
8	Herbal Technology	21UEMB3B	Skill Development/ Employability
9	Public Health Microbiology	21UEMB3C	Skill Development/ Employability
10	Environmental Microbiology	21UCMB31	Skill Development
11	Techniques in Microbial Physiology and Biochemistry	21UCMB2P1	Skill Development/ Employability





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12	Techniques in Biotechnology	21UCMB4P1	Skill Development/ Employability
13	Bioinformatics	21UEMB3A	Skill Development
14	Techniques Environmental Microbiology	21UCMB3P1	Skill Development
15	Techniques in Bioinstrumentation	21UAMB3P1	Skill Development
16	Vermiculture and Mushroom Technology	21UNMB31	Entrepreneurship
17	Pharmaceutical Microbiology	21UAMB41	Employability
18	Aquaculture and Apiculture	21UNMB41	Entrepreneurship
19	Immunology	21UCMB51	Skill Development
20	Food and Dairy Microbiology	21UCMB53	Employability
21	Genetic Engineering	21UEMB2B	Skill Development
22	Techniques in Immunology	21UCMB5P1	Skill Development/ Employability
23	Techniques in Microbial genetics and Food Microbiology	21UCMB5P2	Skill Development/ Employability
24	Food Processing and quality control	21USMB41	Employability
25	Medical Microbiology	21UCMB61	Employability
26	Industrial Microbiology	21UCMB62	Employability
27	Project	21UEMB62	Skill Development/ Employability/ Entrepreneurship
28	Biostatistics	21UEMB1C	Skill Development
29	Techniques in medical microbiology	21UCMB6P1	Skill Development/Employability
30	Techniques in industrial microbiology	21UCMB6P2	Skill Development/Employability

PERCENTAGE OF REVISION

S. No	Title of the course	Course code	Percentage
1	Entrepreneur in Microbiology	21UAMB21	100%
2	Techniques in Entrepreneur Microbiology	21UAMB2P1	100%
3	Veterinary Microbiology	21UEMB1B	100%
4	Plant Pathology and Disease Management	21UEMB2A	100%
5	Herbal Technology	21UEMB3B	100%
6	Public Health Microbiology	21UEMB3C	100%
7	Microbial World and Bacteriology	21UCMB11	54%
8	Virology, Mycology, Phycology and Parasitology	21UCMB12	48%
9	Aquatic Microbiology	21UAMB11	22%





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10	Techniques in Microbiology	21UCMB1P1	8%
11	Techniques in Aquatic Microbiology	21UAMB1P1	8%
12	Microbial Physiology and Metabolism	21UCMB21	32%
13	Biochemistry	21UCMB22	26 %
14	Techniques in Microbial Physiology and Biochemistry	21UCMB2P1	8%
15	Environmental Microbiology	21UCMB31	74%
16	Bioinstrumentation	21UAMB31	64%
17	Techniques in Environmental Microbiology	21UCMB3P1	8%
18	Microbial Biotechnology	21UCMB41	59%
19	Food Processing and Quality Control	21USMB42	62%
20	Pharmaceutical Microbiology and Quality Assurance	21UAMB41	70%
21	Techniques in Biotechnology	21UCMB4P1	2%
22	Techniques in Pharmaceutical Microbiology	21UAMB4P1	2%
23	Immunology	21UCMB51	32%
24	Microbial Genetics	21UCMB52	2%
25	Food and Dairy Microbiology	21UCMB53	40%
26	Microbial Nanotechnology	21UEMB1A	30%
27	Cell Biology	21UEMB2C	46%
28	Techniques in Food and Genetic Microbiology	21UCMB5P2	4%
29	Medical Microbiology	21UCMB61	25%
30	Industrial Microbiology	21UCMB62	35%
31	Agricultural Microbiology	21UCMB63	70%
32	Bioinformatics	21UEMB3A	10%
33	Techniques in Medical Microbiology	21UCMB6P1	6%
34	Techniques in Industrial and Agricultural Microbiology	21UCMB6P2	6%

Total Percentage of Revision: 38 %

Total number of Courses: 42


PRINCIPAL



16/5/2023

Board of Studies of B.Sc., Microbiology is held on today 16/5/2023 at 2.30 pm in the microbiology department. The members of the board of studies thoroughly analysed the syllabus & discussed.

* All the core courses and practicals are followed the same in the course

* The Elective streams (generic) Allied courses (4 hours)
1) Basic and Applied Biochemistry

2) Bioinstrumentation

3) Medical Lab Technology

4) Food Processing Technology.

All the above said allied courses are having a total practicals of 2 hours is newly framed and added (2 hours)

In Semester V, Elective Course - VI (Discipline Specific Course) Biosafety & bio ethics is replaced into Industrial Microbiology.

The Skill Enhancement Course (NME I & NME II) followed the ²⁴Teaching ²⁴Method, Social & Preventive Medicine, Nutrition and Health Hygiene respectively for Ist and IInd Semesters.

The SEC IV, V are in IIIrd Semester; VI & VII in IVth Semesters.

Entrepreneurial Based - Organic Farming & Poultry

Agri-venture
Vaccine Technology
Apiculture

The members attended the meeting,

1) Dr. S. Prakash
 Professor, Dept. of Microbiology
 Vivekananda Arts & Science
 Veevelakuppalam, Salem
 9487249777
 - University Nominee

[Signature]
 16/5/2023

2) Dr. Foy's Selva Mary Albert
 Head, Asst. Prof. of Microbiology - Subject Expert - 2
 St. Mary's College, Tuticorin

[Signature]
 16/5/23

3) Dr. Raja Brindha S
 Asst. Prof. of Microbiology
 Dept. of AHS (Applied Health Sciences) - Subject Expert - 2
 Alwarthi Islam University
 Munnarcoil, Kanya Kumari (Dt)

[Signature]
 16/5/23

4) Mr. B. Lincy Sheela
Microbiologist & Alumnini.
Postgraduate Super Speciality Lab. LTD.
Thiruvananthapuram.

B. Lincy Sheela.

5) Dr. R. Farhat Rami - Chairman

W. Sheela
16/5/2023

b) Dr. K. Chitra

W. Sheela
16/5/2023

f) Dr. S. Haameedullah Sherief -

W. Sheela
16/5/2023

8) Dr. S. Neeravathi

S. D. J. L.

9) Dr. P. Jayashree

P. Jayashree
16/5/2023

10) Dr. K. Karitha

W. Sheela
16/5/2023

W. Sheela

CHAIRMAN / CHAIRPERSON

W. Sheela

DEAN OF SCIENCES

W. Sheela

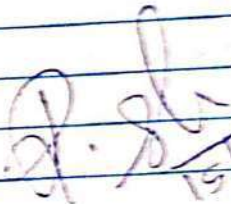
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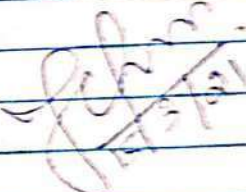
BOARD OF STUDIES

Minutes of the Board of studies was held on 15.03.2021 from 10. A.M for getting the approval of PO, PSO, CO's and the newly framed course structure and syllabus for (2021-2024) of B.Sc. Nutrition & Dietetics to held at the Nutrition Lab.

Members :-

1. MRS. R. SWARNALAKSHMI
Head & Asst. Prof,
Sadakatullah Appa college
2. Mrs. K. JANSI RANI,
Head & Asst. Prof,
SER college,
Sivakasi.
3. Miss. M. Ram Devi,
Alumini,
Tirunelveli-11.
4. V. Angel masy,
Asst. Prof,
Sadakatullah Appa college,
Tirunelveli-11.

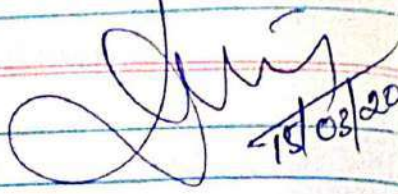

15/3/2021


15/3/21

M. Ram Devi
15/3/2021


15/3/21

5. MRS. M. Radivel Devi,
Asst. Prof,
Sadakatullah Appa college,
Tirunelveli-11.


15/03/2021

6. Dr. P. Mageswari,
Asst. Prof,
Sadakatullah Appa college.
Tirunelveli-11.

P. Mageswari
15/03/21

7. C. Anura Sundari,
Asst Prof,
Sadakatullah Appa college,
Tirunelveli-11.

C. Anura Sundari
15/3/2021

Resolutions:-

1. Course structure for B.Sc. Nutrition & Dietetics (2021-2024) was planned and prepared for all the three years.
2. The board has framed all the PSO, CO, and course objectives accordingly to the guidelines of TANSCHES & LCCF for all the semesters.
3. The subject expert suggested that course objectives and course outcomes should be same.
4. The subject expert recommended to increase the teaching hours for V & VI semesters.
5. The subject expert and the alumni suggested that hospital Internship can be extended for 1 month or at least 15 days in minimum.
7. The board members suggested including hand crafts as a soft skill - SOCC paper.

8. The Board recommended to interchange the allied subject as microbiology & Zoology.
9. The Board suggest to change the paper 7RM as Housing & Interior design also the core paper public health and community nutrition could be changed to Community nutrition & Extension education.
10. The Board approved the newly suggested papers as, Embroidery & hand crafts - SEC-III, Natural foods - SEC-V.
11. Major modifications were made in the following papers, (Clinical Biochemistry, food service management, community nutrition & Extension education, Food preservation, Advanced Baking & Introduction to baking could be joined).

1. Mrs. R. Swarnalakshmi

- P. S. S. / 15/3/21

2. Dr. K. Jansi Rani

- J. S. M. / 15/3/21

3. Miss. M. Ram Devi

- M. Ramdevi / 15/3/2021

4. Mrs. V. Angel Mary

- V. Angel / 15/3/21

5. Mrs. M. Vadivel Devi

- M. Vadivel / 15/3/21

6. Dr. P. Mayeshwari

- P. Mayeshwari / 15/03/21



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Annexure - I

Department of Nutrition and Dietetics (UG)

The Board of Studies of Department of Nutrition and Dietetics (UG) were held on 15.03.2021 for the approval of 2021-2024 syllabus. The numbers of new courses, courses focusing on Skill Development / Employability / Entrepreneurship, the percentage of revision are mentioned below.

New Courses introduced

S.No	Title of the course	Course Code
1.	Hospital Dietetic Counseling	21UEND52C
2.	Women's Health and Nutrition	21UEND61B
3.	Natural Foods	21USND61

Courses focused on Skill Development / Employability / Entrepreneurship

S.No	Title of the course	Course Code	Category
1.	Food Science and Human Development Practical	21UCND1P1	Skill Development
2.	Human Physiology I Practical	21UAND1P1	Skill Development
3.	Principles of Nutrition and Food Chemistry Practical	21UCND2P1	Skill Development
4.	Human Physiology II practical	21UAND2P1	Skill Development
5.	Nutrition through Life Span practical	21UCND3P1	Skill Development
6.	Baking and confectionery Practical	21UAND3P1	Skill Development
7.	Medical Nutrition Therapy Practical	21UCND4P1	Skill Development
8.	Food microbiology Practical	21UAND4P1	Skill Development
9.	Food Service Management Housing and Interior Design Practical	21UCND5P1	Skill Development
10.	Food Preservation Practical	21UCND5P2	Skill Development
11.	Clinical Biochemistry Practical	21UCND6P1	Skill Development
12.	Community Nutrition and extension Education Food Safety and Quality Control Practical	21UCND6P2	Skill Development
13.	Project	21UEND62	Skill Development
14.	Baking and Confectionery	21UAND31	Entrepreneurship
15.	Post-Harvest Technology	21UEND51C	Entrepreneurship
16.	Introduction to Textiles	21UEND52A	Entrepreneurship
17.	Food Product Development	21UEND52B	Entrepreneurship
18.	Entrepreneurship Development	21UEND61C	Entrepreneurship





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19.	Medical Laboratory Techniques	21UEND51B	Employability
20.	Hospital Dietetic Counseling	21UEND52C	Employability
21.	Women's Health and Nutrition	21UEND61B	Employability

Percentage of Revision

S.No	Title of the Course	Subject Code	% of Revision
1.	Hospital Dietetic Counseling	21UEND52C	100%
2.	Women's Health and Nutrition	21UEND61B	100%
3.	Natural Foods	21USND61	100%
4.	Fundamentals of Food Science	21UCND11	2%
5.	Introduction to Food and Nutrition	21UNND31	20%
6.	Health and Fitness	21UNND41	40%
7.	Introduction to Textiles	21UCND51	2%
8.	Community Nutrition and Extension Education	21UCND62	22%
9.	Food Safety and Quality Control	21UCND63	22%

Total Percentage of Revision = 9.7%

Total number of Courses: 42


PRINCIPAL



BOARD OF STUDIES

16.05.2023

Minutes of Board of studies was held on 16.05.2023, from 1.30 pm to 5.00 pm for getting the approval from the board implementing TANSCHÉ SYLLABUS

Members

1. MRS. V. Angel Mary - CHAIRPERSON
Head and Assistant Professor
Sadakathullah Appa College, Tirunelveli
V. Angel Mary
16/05/23
2. MRS. SIMITHI A JUKI - SUBJECT EXPERT
Head and Assistant Professor
Sarah Tucker College, Tirunelveli
S. Simithi A Juki
16/05/23
3. Mr. S. M. Prasad - MEMBER
Assistant Professor,
Sadakathullah Appa College, Tirunelveli
S. M. Prasad
16/05/23
4. MRS. M. Vadivel Devi - MEMBER
Assistant Professor,
Sadakathullah Appa College, Tirunelveli
M. Vadivel Devi
16/05/23
5. MRS. C. Aruna Sundasi - MEMBER
Assistant Professor,
Sadakathullah Appa College, Tirunelveli
C. Aruna Sundasi
16/05/23
6. M.S. F. Fathima Farzana - MEMBER
Assistant Professor,
Sadakathullah Appa College, Tirunelveli
F. Fathima Farzana
16/05/23

7. MYS. RAMA JABA
Assistant Professor
Sadakathullah Appa College, Tirunelveli ^{16/05/2023}
- MEMBER

8. DT(MYS). Herrylin
Assistant Professor
Sadakathullah Appa College, Tirunelveli ^{16/05/2023}
- MEMBER

9. DT(MYS) A.S. SUMAYA
Assistant Professor
Sadakathullah Appa College, Tirunelveli ^{16/05/2023}
- MEMBER

RESOLUTIONS PASSED:-

* It has been decided to resolve the following suggestions and to include the following subjects from Semester I to Semester II

* Opinion of Subject Expert were taken into consideration.

* The Subject Expert Madam Sinthia Juli^o and ^{the board} approved the UG Framed Syllabus.

* Structure of UG syllabus were pasted in Page No 39

Semester : I

- | | |
|----------|---|
| CORE-1 | - Food Science |
| CORE-P-1 | - Food science practical |
| SEC-T-1 | - Foundations of Baking and Confectionery |
| AEC-P-1 | - Soft Skills-1 |
| SEC-1 | - Chemistry |
| REC-1(P) | - Chemistry practicals |
| FC | - sports nutrition |

Semester: 2

- Core II - Human physiology
 Core - II (P) - Human physiology practicals
 EC-I-II - Chemistry / Basic of Food Microbiology
 EC-P-II - Chemistry / Basics of Food Micro-Practicals
 SEC - I - Consumer Education
 SEC - III - House Keeping
 AEC - II - Soft Skills-II

Semester: 3

- Core - III - Human Nutrition
 Core - III (P) - Human Nutrition Practical
 EGT - III - Interior Decoration
 EC-P-III - Interior Decoration Practical
 SEC - IV - Naam Mudhalvan
 SEC - V - Fundamentals of Arts & Design
 AEC - III - Soft Skills - III

Semester: 4

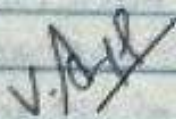
- Core - IV - Nutrition through lifecycle
 Core - IV (P) - Nutrition through lifecycle (P)
 EGT - IV - Nutritional Biochemistry
 EC-P-IV - Nutritional Biochemistry (Practical)
 SEC - VI - Front office management
 SEC - VII - Fundamentals of Research in Nutrition
 AEC - IV - Soft Skills - IV
 EVS - Environmental Studies
 * Summer internship must

Semester: 5

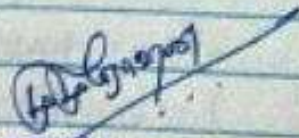
- Core V - Dietetics
 Core V(P) - Dietetics Practicals.
 Core - VI - quantity food production and service.
 Core - VI(P) - & FPS(P)
 Ec - V - Functional Foods for chronic disease
 Ec - VI - Nutritional Assessment and Diet counselling
 Project - VII - core - VII - Project with viva role
 VE - Value Education I/II
 Internship - credits awarded after completion

Semester: 6

- Core - VIII - Food preservation
 Core - IX - clinical Nutrition
 Core - P - VII - Food preservation practical
 Core - P - VIII - clinical Nutrition practical
 Ec - VII - Fibre to Fabric
 Lec - VIII (P) } - Skill Enhancement compulsory course
 Pseec } - Fibre to Fabric Practicals.
 Extension - SOP, NCC/NSS/YRC/YW/Yoga



CHAIRMAN / CHAIRPERSON



DEAN OF SCIENCES



PRINCIPAL

DEPARTMENT OF PSYCHOLOGY, SAC.

BOARD OF STUDIES

Date: 01-10-2021.

Venue: DC Room.

Time: 11.00 A.M

Sadakathullah Appa College.

Members Present:

Chairperson: Dr. S. S. Srinithi

University Nominee: Dr. T. Yuvaraj.

Subject Expert I: Dr. Suresh Kumar.. M.

Subject Expert II: Dr. Jaya Bharathi. S.

Industrialist (Psychologist): Dr. Ratna. R. Robinson

The course structure has been gone through and it was found to be in par with other institutions offering the course - PSYCHOLOGY

Following modifications have been made:

⇒ Course structure of science incorporating 'PSYCHOLOGY (UG)' has been reviewed, approved, and finalized.

⇒ Individual papers - Core, Allied and Practical, for the semester I has been reviewed, approved, and finalized.

⇒ The board recommends the purchase of psychological tools & equipments which is mandatory for the conduct of practicals for ^{which} an estimate of Rs 1,00,000 per year shall be allotted

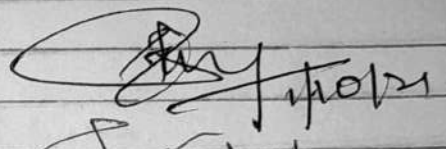
⇒ The board recommends adequately furnished laboratory with prescribed guidelines of the parent university

⇒ The board recommends MOU between institution-Parent university for faculty exchange and mutual utility of infrastructure and laboratory facilities.

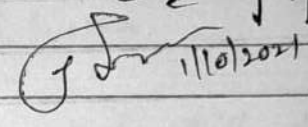
Chair Dr. S. S. Srinithi

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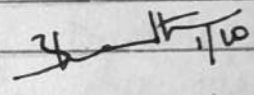
Dr. T. Yuvaraj



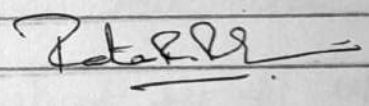
Dr. M. Suresh Kumar



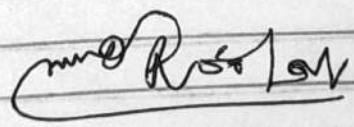
Dr. Teja Bharathi



Dr. Ratna R. Robinson



f. s. s. s. s.



DEAN OF SCIENCES



PRINCIPAL

CHAIRMAN / CHAIRPERSON



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Annexure - I

Department of Psychology (UG)

The Board of Studies of Department of Psychology was held on 15.3.2021 for the approval of 2021-2024 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.	General psychology -I	21UCPY21	Employability
2.	Developmental psychology -I	21UCPY22	Employability
3.	Psychology practical -I	21UCPY22	Skill development
4.	Social psychology-I	21UAPY21	Employability
5.	Social psychology practical -I	21UAPY2P2	Skill development
6.	General psychology -II	21UCPY21	Employability
7.	Developmental psychology -II	21UCPY22	Employability
8.	Psychology practical -II	2UCPY2P1	Skill development
9.	Social psychology -II	21UAPY21	Employability
10.	Social psychology practical -II	21UAPY2P2	Skill development

Percentage of Revision: NIL

Total number of Courses: 22


PRINCIPAL



Department of Psychology, SAC
Board of Studies
Meeting no: 4

Date: 16-05-28.

Time: 2.30 PM to 4.30 PM.

SAC, Psychology BoS

Tuesday, May 16 · 2:30 – 4:30pm

Time zone: Asia/Kolkata

Google Meet joining info

Video call link: <https://meet.google.com/tje-frhb-mfd>

Members

Chairperson: Dr. S. S. SRINITHI

University Nominee: Dr. T. Yuvraj

Subject Expert 1: Dr. M. Suresh Kumar

Subject Expert 2: Dr. S. Teja Bharathi

Industrialist (Psychologist): Dr. Ratna R. Robinson.

Agenda.

To finalize the syllabus according to UANSCHE prescribed syllabus while also adhering to the Science course structure of Sadakathullah Appa College.

The following type of courses.

- Core Courses
- Core practical
- Elective / Allied course.
- Skill Enhancement course (NMEI)
- Foundation Course (Discipline Specific)
- Elective courses (Theory)

for the Semester I to VI were discussed and consequently approved by the members of the board of - Studies - Psychology.

**Sadakathullah Appa College, Rahmath Nagar,
Tirunelveli – 627 011.
Programme Structure & Credits – UG (Sciences)
2023 - 2026**

Sem	Part	Course Type	Title of the Course	H/W	C	I	E
I	I	Lang-I	Tamil – I / Arabic - I	6	3	25	75
	II	Lang-I	General English - I	4	3	25	75
	III	Core-I	Core Course – I- Intro. to Psychology I	5	5	25	75
	III	Core-P-I	Core Practical-I Experimental Psychology I	3	2	25	75
	III	EC-T-I	Elective Course (Allied Course-I) - Building Psy. Cap. or	5	3	25	75
	IV	SEC-I	Positive Psychology I	2	2	25	75
	IV	AECC-I	Skill Enhancement Course (NME-I)- Psychology of Life & work	2	2	25	75
	IV	FC	Ability Enhancement Compulsory Course: Soft Skills - I	3	3	25	75
	IV	FC	Foundation Course (Discipline Specific Course) – Careers & Ethics in Psychology				
				30	23		
II	I	Lang-II	Tamil – II/Arabic - II	6	3	25	75
	II	Lang-II	General English - II	4	3	25	75
	III	Core-II	Core Course - II Intro. to Psychology II	5	5	25	75
	III	Core-P-II	Core Practical-II Experimental Psychology II	3	2	25	75
	III	EC-T-II	Elective Course (Allied Course-II) Bio. Psy. or Positive Psychology II	5	4	25	75
	IV	SEC-II	Skill Enhancement Course (NME-II) – Psychology of Success	2	2	25	75
	IV	SEC-III	Skill Enhancement Course – III (Discipline Specific Course)- Psychological First Aid	2	2	25	75
	IV	AECC2	Ability Enhancement Compulsory Course - Soft Skills - II				
	IV	AECC2	Naan Muthalvan: Language Proficiency for Employability Library Hour	1	-	-	-
				30	23		
III	I	Lang-III	Tamil – III/Arabic - III	6	3	25	75
	II	Lang-III	General English - III	4	3	25	75
	III	Core-III	Core Course-III Psychopathology I	5	5	25	75
	III	Core-P-III	Core Practical-III Experimental Psychology III	3	2	25	75
	III	EC-T-III	Elective Course (Allied Course-III) Psy. of childhood or Cognitive Psychology	4	3	25	75
	III			2	1	25	75
	III			2	2	25	75
	IV	EC-P-III	Elective Course (Allied Practical-III)				
	IV	SEC-IV	Skill Enhancement Course –IV: Entrepreneurial Based	2	2	25	75
	IV	SEC-V	Skill Enhancement Course-V (Discipline Specific Course)- Relaxation Techniques	2	2	25	75
IV	AECC-III	Ability Enhancement Compulsory Course - Soft Skills - III					
				30	23		

I	Lang-IV	Tamil – IV/Arabic – IV	6	3	25	75
II	Lang-IV	General English - IV	4	3	25	75
III	Core-IV	Core Course-IV Psychopathology II	4	4	25	75
III	Core-P-IV	Core Practical-IV Clinical Interviewing and Case History	3	2	25	75
III	EC-T-IV	Elective Course (Allied Course-IV) Psy.of Adlc. & Ear. ad or Indian Psychology	3	3	25	75
III	EC-P-IV	Elective Course (Allied Practical-IV)	2	1	25	75
IV	SEC-VI	Skill Enhancement Course –VI – Therapy Techniques (Discipline Specific Course)	2	2	25	75
IV	SEC-VII	Skill Enhancement Course – VII - Positive Thinking (Discipline Specific/Generic Course)	2	2	25	75
IV	AECC-IV	Ability Enhancement Compulsory Course - Soft Skills - IV Naan Muthalvan: Language Proficiency for Employability Environmental Studies	2	2	25	75
IV	EVS					
Summer – Internship Industry Training during the 2 nd year vacation – credits be given in the fifth semester mark statement			30	24		
III	Core-V	Core Course-V Introduction to RM	4	3	25	75
III	Core-VI	Core Course-VI Statistics for Behavioural Science	4	3	25	75
III	Core-P-V	Core Practical-V Experimental Psychology IV	4	3	25	75
III	Core-P-VI	Core Practical-VI Experimental Psychology V	4	3	25	75
III	EC-V	Elective Course-V Psychology of MA & OA or Sports and Exercise Psychology	4	3	25	75
III	EC-VI	Elective Course-VI (Theory / Practical) Social Psy. I or Environmental Psychology	4	4	25	75
III	Project-VII	Core - VII : Project with Viva-Voce	2	1	25	75
IV	VE	Value Education – I/II	-	2		
IV	Internship	Internship (Credits to be awarded on completion of Internship)				
			30	25		
III	Core-VIII	Core Course-VIII Counseling Psychology	5	3	25	75
III	Core-IX	Core Course-IX Health Psychology	5	3	25	75
III	Core-P-VII	Core Practical-VII Counseling Skills	4	3	25	75
III	Core-P-VIII	Core Practical-VIII Experimental Psychology VI	4	3	25	75
III	VIII	Elective Course-VII Organizational Psy. or Educational Psy.	5	4	25	75
III	EC-VII	Elective Course –VIII (Theory / Practical) Social Psy. II or Cross cultural Psychology	3	3	25	75
IV	EC-VIII	Skill Enhancement Compulsory Course -Personality Dev.	4	2	25	75
V	PCSEC	Naan Muthalvan: Proficiency Competency Course Compulsory Course				
V	Extension Activities	Sadakath Outreach Programme (SOP) <ul style="list-style-type: none"> • NCC • NSS • Physical Education • Red Ribbon Club • Youth Red Cross • Youth Welfare • Yoga 	-	1		
			30	22		
TOTAL			180	140	+1*	

Board of Studies Meeting

Sadakatullah Appa College (Autonomous) Tiruchelvi
 U. G. B.Sc., Allied Botany

Time :- 10.30 am

Date :- 15-3-21

Members present

- ① Dr. M. Syed Ali Fathima
 Assistant Professor & Head (Chairman)
 Department of Botany,
 Sadakatullah Appa College (Autonomous)
 Tiruchelvi.
- ② Dr. M. Johnson (University Nominee)
 Assistant Professor in Botany
 St. Xavier's College
- ③ Dr. N. Senthil Kumar,
 Associate Professor & Head (Subject expert)
 P. G. Dept. of Botany,
 Ayya Nadar Janaki Ammal College (Autonomous)
 Sivakasi - 626 126
- ④ R. Santhasa Pandian,
 Officer, Canara bank. (ALUMINI)
 Regional office,
 Tiruchelvi - 7

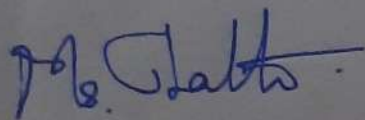
Department of Botany (09.09.2018 - 08.09.2021)

Category	Name of the Teacher	Designation	College Address	Residential Address	Mobile Phone Nos.
University Nominee	Dr.M.Johnson	Assistant Professor in Botany	St. Xavier's College (Autonomous), Palayamkottai-627002		
Subject Expert - I	Mrs.B.Salocia Fernando	Associate Professor of Botany	V.H.N.Senthikumara Nadar College, Virudhunagar626001		8778033962
Subject Expert - II	Dr.N.Senthil Kumar	Associate Professor of Botany	Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi-626124		9443854694
Alumni (Meritorious)	Mr.R.Sankarapandian	Officer	Canara Bank, Regional Office, Noor Sail Building, (Big Bazaar), Tirunelveli-7		9442152106
Industrialist	Mr.M.Ayisha Jameela	Mushroom Cultivator	MSM Mushroom Corner, 59, Rajendranagar, Reddiyarpatti Road, Tirunelveli-627007	MSM Mushroom Corner, 59, Rajendranagar, Reddiyarpatti Road, Tirunelveli-627007	8870319207 8695265453

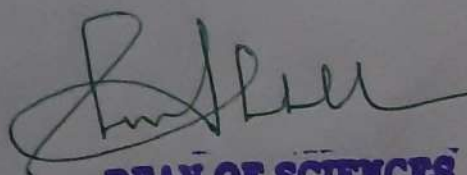
BOARD OF STUDIES MEETING
DEPARTMENT OF BOTANY
SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)

MINUTES OF BOARD OF STUDIES

1. Resolved to approve CBCS Pattern Course structure for the academic year 2021-2024.
2. Experts recommended the syllabus for the Allied Botany Subject.
3. University Nominee suggested to include guest lecturer as part of the regular activities for the papers Nursery and Gardening, Herbal Medicine.
4. Experts suggested some corrections in the following papers.
 - a. Allied papers I Plant Diversity & Phytopathology.
 - b. Paper II Plant Anatomy, Physiology & Biotechnology.
 - c. SEC I Nursery & Gardening.
 - d. SEC III Herbal Medicine.
 - e. SEC V Mushroom Culture Technology.
5. The board resolved & suggested question paper setter.
6. Subject Expert suggested some Reference Books & Text Books for the all Subjects.
7. Experts resolved to include the following changes in the practicals,
 - a. Allied paper I Plant Diversity & Phytopathology Practical
 - b. Allied Paper II Plant Anatomy, Physiology & Biotechnology Practical.
8. The board resolved to include change the paper Herbal Medicine & Horticulture to Herbal Medicine and deleted the Unit IV & V and included the another content for the Unit IV & V.
9. The board resolved to include the Allied Paper I Changed as Plant Diversity & Phytopathology.
10. The University Nominee and Subject experts suggested to offer SEC & NME Papers from the Department of Botany.
11. Resolved to introduce new courses and revise the syllabus as mentioned in the Annexure.



CHAIRMAN / CHAIRPERSON



DEAN OF SCIENCES



PRINCIPAL



Sadakathullah Appa College

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Annexure - I

Department of Botany (Allied)

The Board of Studies of Department of Botany (Allied) was held on 15.3.2021 for the approval of 2021-2024 syllabus. The number of new courses, courses focussing on Skill Development / Employability / Entrepreneurship, the percentage of revision are mentioned below.

New Courses introduced

S. No.	Title of the Course	Course Code
1	Nursery and Gardening	21USBT61
2	Herbal Medicine	21USBT62
3	Economic Botany	21UNBT31

Courses focused on Skill Development / Employability / Entrepreneurship

S. No.	Title of the Course	Course Code	Category
1.	Mushroom Culture Technology	21USBT63	Entrepreneurship
2.	Nursery and Gardening	21USBT61	Entrepreneurship
3.	Herbal Medicine	21USBT62	Entrepreneurship
4.	Plant Diversity and Phytopathology	21UABT31	Skill Development
5.	Plant Anatomy, Physiology and Biotechnology	21UABT41	Skill Development
6.	Economic Botany	21UNBT31	Employability
7.	Plant Diversity and Phytopathology Practical	21UABT3P1	Skill Development
8.	Plant Anatomy, Physiology and Biotechnology Practical	21UABT4P1	Skill Development

Percentage of Revision

S. No.	Courses	Course Code	Percentage %
1.	Plant Diversity and Phytopathology	21UABT31	50%
2	Plant Anatomy, Physiology and Biotechnology	21UABT41	20%
3.	Plant Diversity and Phytopathology Practical	21UABT3P1	50%
4.	Plant Anatomy, Physiology and Biotechnology Practical	21UABT4P1	20%





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5	Nursery and Gardening	21USBT61	90%
6	Herbal Medicine	21USBT62	100%
7	Mushroom Culture Technology	21USBT63	50%
8	Economic Botany	21UNBT31	30%

Total Percentage of Revision: 51.25%

Total number of Courses: 08



PRINCIPAL



Minutes of Board 16/5/23
Board of studies Botany was held
on 16/5/23 to discuss about
Tamil Nadu State Council for Higher Education,
Chennai. The board resolved to include
the some corrections in the allied
Paper I & Paper II

① The board resolved to change
the Paper Title as following
Paper - I Allied Botany - I
as per the TANSCHIE syllabus.

② The board resolved to include
the Allied Botany - II as a
Paper II as per the TANSCHIE
syllabus.

③ The board resolved to include the
Practical Papers for III & IVth
semester as a Allied Botany
Practical I & Allied Botany
Practical II as per the TANSCHIE
Syllabus.

④ The board resolved to implement
the Skill Enhancement course NME
I BioComposting as per the
TANSCHIE syllabus.

5) The board resolved to that SECTION as a Mushroom Cultivation Paper.

6) The board resolved to change some topic in the Paper I

Members Present 16/5/23

Signature

1. Dr. K. Subramonian
Asst. Professor & Head
Dept. of Botany
M. D. T. Hindu College
Subject Expert I

DEAN OF SCIENCES

[Signature]
10/05/2023

2. Dr. Balakrishnan
Asst. Prof & Head
Dept. of Botany
Aditener College of Arts
& Science, Thiruvandhram
Subject Expert - II

[Signature]

3. Dr. B. Maruthi Kumar
Associate Professor
Dept. of Botany
G. V. N. College,
Kovilpatti,
University Nominee.

[Signature]

4. Dr. N. Jeyaraman
Guest Lecturer
Dept. of Microbiology
Kamaraj Coll. Arts
College, Suvandhi,
Alumini
(Microbiologist)

[Signature]

⑤ Dr. M. Syed Ali Fathima
Asst. Prof. & Head,
Dept. of Botany
Scolanthulath APJ Abdul Kalam
Technological Institute

THE CHAIRPERSON


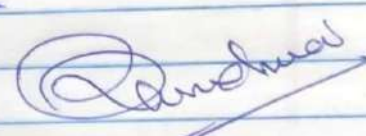
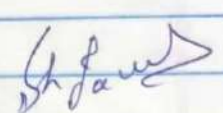
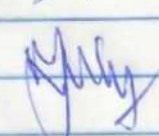
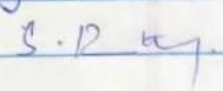
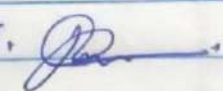
(THE CHAIRPERSON)
CHAIRMAN / CHAIRPERSON

DEAN OF SCIENCES

PRINCIPAL

Board of Studies meeting of the UG Zoology was held on 15-03-2021 at 10:30 AM in the Zoology department

The following members attended the meetings

1. Dr. A. Palavesam - 
University nominee
2. Dr. M. Areez Mohamed -
Subject Expert
3. Dr. S. Ilango -
Subject Expert
4. Mrs. R. Gueetha -
Alumni
5. Mr. P. Ramadurai - 
Industrialist
6. Dr. M. Sithi Jameela - 
Chairman of Board
7. Dr. M. I. Zahir Hussain - 
member
8. Dr. S. Mohamed Ramlath Sabura - S.P. 
member
9. Dr. S. Peer Mohamed - 
member

Resolution:

One papers are modified according to the new CBCS template provided by the dean's office. Resolved to introduce new course and revised the syllabus as mentioned in the New ^{annexure} papers (Course) were introduced.

DSE One paper - Evolution

" - Ecology

DSE One paper - Applied Zoology - Entrepreneurship and self employment focused course.

Fundamentals of Biotechnology and Applied
Biotechnology Courses were (papers)
were allotted with DSE. It is
removed from Core and incorporated
into the DSE.

Resolved to approve CBCS Pattern Course Structure for
the academic year 2021-2024.

BSc. Zoology

Board of Studies (2021-2024)

UG Zoology Board of Studies meeting was held on 15-03-2021 at 10:30 a.m. in the Department of Zoology. The new syllabus (from the Academic year 2021-2022) was prepared by the faculty members of Zoology based on the LOCF, TANSHE and Manonmaniam Sundarnar University.

The University nominee and subject experts reviewed the curriculum and provided their valuable suggestions and recommendations. Accordingly it was revised. The members of the Zoology(UG) board of studies recommended the following courses.

12 Core- Courses

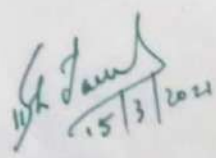
1. Invertebrata	I SEM
2. Chordata	I SEM
3. Developmental Biology	II SEM
4. Ecology	II SEM
5. Cell and Molecular Biology	III SEM
6. Biochemistry	IV SEM
7. Animal Physiology	V SEM
8. Genetics	V SEM
9. Aquaculture	V SEM
10. Immunology and Microbiology	VI SEM
11. Biostatistics and Computer Application	VI SEM
12. Applied Zoology	VI SEM

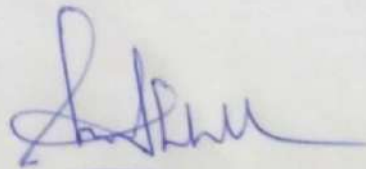
2-DSE (Discipline Specific Elective)

1. Evolution
2. Fundamentals of Biotechnology
3. Applied Biotechnology
4. Project

Practicals

Discipline Specific Core Practical (DSEP)


15/3/2021
CHAIRMAN / CHAIRPERSON


DEAN OF SCIENCES


PRINCIPAL



Sadakathullah Appa College

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Annexure - I

Department of Zoology (UG)

The Board of Studies of Department of Zoology (UG) was held on 15.3.2021 for the approval of 2021-2024 syllabus. The number of new courses, courses focussing on Skill Development / Employability / Entrepreneurship, the percentage of revision are mentioned below.

New Courses introduced

S. No.	Title of the Course	Course Code
1	Core 4 Ecology	21UCO22
2	Core 12 Applied Zoology	21UCZO63
3.	DSE-1- Evolution	21UEZO51

Courses focused on Skill Development / Employability / Entrepreneurship

S. No.	Title of the Course	Course Code	Category
1.	Animal Diversity I and II Practical- P1	21UCZO1P1	Skill Development
2.	Developmental Biology and Ecology Practical -P2	21UCZO2P1	Skill Development
3.	Cell and Molecular Biology Practical -P3	21UCZO3P1	Skill Development
4.	Biochemistry Practical -P4	21UCZO4P1	Skill Development
5.	Core-9 Aquaculture	21UCZO53	Employability
6.	Animal Physiology and Genetics Practical -P5	21UCZO5P1	Skill Development
7.	Aquaculture Practical -P6	21UCZO5P2	Skill Development
8.	Immunology and Microbiology and Applied Zoology Practical - P7	21UCZO6P1	Skill Development
9.	Biostatistics and Computer Application Practical -P8	21UCZO6P2	Skill Development
10.	DIE-4 Project	21UEZO62	Skill Development





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Percentage of Revision

S. No.	Courses	Course Code	Percentage %
1.	Animal Diversity I	21UCZO11	30%
2	Animal Diversity II	21UCZO12	30%
3.	Animal Diversity I and II Practical- P1	21UCZO1P1	40%
4.	Ecology	21UCZO22	60%
5	Developmental Biology and Ecology Practical -P2	21UCZO2P1	25%
6	Cell and Molecular Biology Practical -P3	21UCZO3P1	10%
7	Biochemistry	21UCZO41	40%
8	Biochemistry Practical -P4	21UCZO4P1	20%
9	Genetics		20%
10	Animal Physiology and Genetics Practical -P5	21UCZO5P1	25%
11	Aquaculture Practical -P6	21UCZO5P2	40%
12	Immunology and Microbiology and Applied Zoology Practical - P7	21UCZO6P1	40%
13	Biostatistics and Computer Application Practical -P8	21UCZO6P2	20%
14	Evolution	21UEZO51	100%

Total Percentage of Revision: 17.94%

Total number of Courses: 36


PRINCIPAL

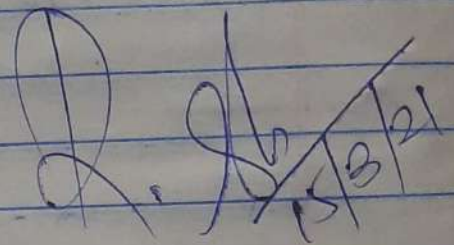


MINUTES BOS.

The meeting for the Applied Nutrition and public Health was held on 15.03.2021 at 10.00 A.M. in the department of Nutrition and Dietetics, Sadakathullah Appa college,

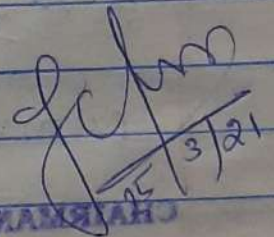
The following members were present in the meeting.

1. R. Swarna Lakshmi
HOD & Dept. of Nutrition & Dietetics.
Sadakathullah Appa college,



15/3/21

2. Mrs. K. Jansi Rani (Subject expert)
Head & Asst. Prof.,
SFR college,



15/3/21

3. Sadakathullah Appa college (Alumni)
Miss M. Ramdevi.

M. Ramdevi

RESOLUTIONS:-

1. The Board recommended to include the PSO, & course outcome related to the course objectives.

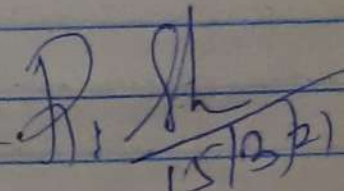
2. The Board approved the following papers for the academic year (2021-2024)

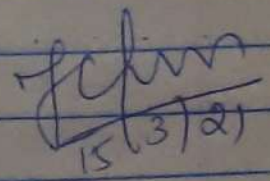
1. ALLIED - I - FOOD SCIENCE
2. ALLIED PRACTICAL - FOOD SCIENCE PRACTICES
3. ALLIED - II - APPLIED NUTRITION
4. ALLIED PRACTICALS - APPLIED NUTRITION PRACTICES
5. SEC IV - DIET THERAPY
6. NME - HEALTH & FITNESS

3. The Board suggested to include industrial visit to impart their practical knowledge.

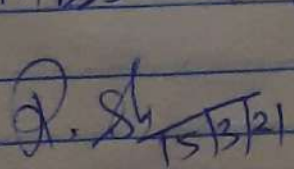
4. The Board Recommended the complete revision of the syllabus for (2021-24)

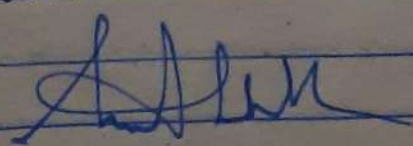
5. Resolved to introduce the new courses and follow ^{CBCS} ~~reverse~~ the syllabus as mentioned in the annexure.

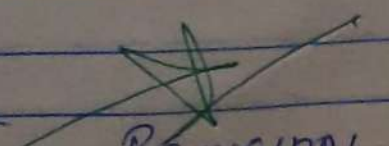
1. MRS. R. SWARNALAKSHMI -  15/3/21

2. Mrs. K. Jansi Rani -  15/3/21

3. Miss. M. Ram Devi - M. Ramdevi


CHAIRMAN


DEAN


PRINCIPAL



Sadakathullah Appa College

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Annexure - I

Department of Applied Nutrition and Public Health (Allied)

The Board of Studies of Department of Applied Nutrition and Public Health (Allied) was held on 15.3.2021 for the approval of 2021-2024 syllabus. The number of new courses, courses focussing on Skill Development / Employability / Entrepreneurship, the percentage of revision are mentioned below.

New Courses introduced

S. No.	Title of the Course	Course Code
1	Public Health	21USAN41

Courses focused on Skill Development / Employability / Entrepreneurship

S. No.	Title of the Course	Course Code	Category
1.	Food Science	21UAAN11	Employability
2.	Food Science Practical-I	21UAAN1P1	Skill Development
3.	Applied Nutrition	21UAAN21	Employability
4.	Applied Nutrition Practical-II	21UAAN2P1	Skill Development
5.	Diet Therapy	21UEAN3A	Employability
6.	Health and Fitness	21UNAN41	Employability
7.	Public Health	21USAN41	Employability

Percentage of Revision

S. No.	Courses	Course Code	Percentage %
1.	Food Science	21UAAN11	20%
2	Diet Therapy	21UEAN3A	20%
3.	Health and Fitness	21UNAN41	20%

Total Percentage of Revision: 22%

Total number of Courses: 07


PRINCIPAL

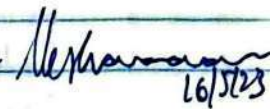
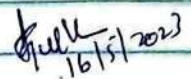

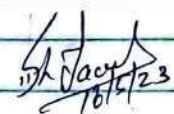

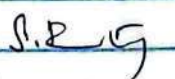
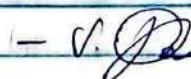


16-05-2023

The undergraduate Board of Studies of Zoology is being held on 16-05-2023 at 2.00 pm in Zoology department to discuss the following agenda:

The implementation of the TANCHE scheme Syllabus for B.Sc. Zoology students from 2023-24 onwards.

Members

1. Dr. V. Saravanan - Subject Expert - I -  16/5/23
2. Dr. B. Geetha - Subject Expert - II -  16/5/2023
3. Dr. P. Victoria Thangam - University Nominee -  16/05/2023
4. Mrs. K. S. Selvi - Industrialist -
5. Mrs. Sanjeetha Subin - Alumni -
6. Dr. M. Sithi Jameela -  16/5/23
7. Dr. M. I. Zahir Hussain - 
8. Dr. S. Mohamed Ramleth Sabura -  S.R.G.
9. Dr. S. Peer Mohamed - 

Resolutions:

The University nominee and the subject experts reviewed the curriculum and provided their valuable suggestions and recommendations. Accordingly the syllabus was revised.

The members of the Zoology UG board of studies recommended the following:

1) It is resolved to merge both Invertebrata I and II as a single course.

2) They have suggested to prepare a foundation course with all basic matters from Zoology like a bridge course.

3) Regarding practicals, the spotter may be chosen based on the availability of the specimens.

4) They also insisted to include the Environmental Biology and Evolution courses.

5) It is resolved that the changes made in the syllabus should also reflect in the CO of the concerned course.

6) The major and minor practicals may be revised based on the availability of specimens or may be conducted through virtual mode or demonstration method.

CHAIRMAN / CHAIRPERSON



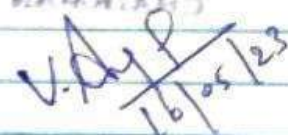
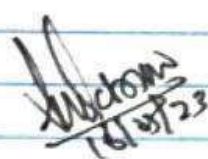

DEAN OF SCIENCES

PRINCIPAL

BOARD OF STUDIES

Minutes of Board of studies was held on 16-05-2023, from 1.30pm to 5.00 PM for getting the approval from the board implementing TANSCHÉ SYLLABUS.

MEMBERS

1. Dr. P. S. BENSI  - CHAIRPERSON
Assistant Professor,
Department of Applied Nutrition & Public Health
Sadakathullah Appa Collog - Tirunelveli.
2. Mrs. S. SINTHI AJULI 
Head and Assistant Professor
Sorrah Tucker College, Tirunelveli.
3. Mrs. V. Angel Mary 
Head and Assistant Professor
Sadakathullah Appa College, Tirunelveli
4. Mr. S. M. Prasad 
Assistant Professor
Sadakathullah Appa College
5. Mr. M. Vadivel Deri 
Assistant Professor
Sadakathullah Appa College

① - The Board recommended to add the course food science as Allied-I and food preservation as Allied-II in the I year Zoology syllabus as per TANISCAE syllabus.

② - The Board recommended to add the course foundation of baking and confectionery as generic course in SEC-VII of IV semester.

Renu
CHAIRPERSON

Dr. Gyan
DEAN

[Signature]
PRINCIPAL

CHAIRMAN / CHAIRPERSON

DEAN OF SCIENCES

PRINCIPAL

Board of studies of M.Sc., Microbiology is held on 16th March, 2021 at 10.30 AM in the microbiology Department of Sadarathullah Vappa College (Autonomous), Trl.

The members of the board analysed the newly formed syllabus and gave some recommendations for revision and modifications.

II. Discipline Specific Core (DSC - 11 papers)

1. General Microbiology and Bacteriology
2. Techniques in Microbiology
3. Microbial Diversity and Classification
4. Microbial Biochemistry
5. Microbial Physiology and Metabolism
6. Molecular Biology and Genetic Engineering
7. Immunology
8. Medical Microbiology
9. Research Methodology
10. Food and Dairy Microbiology
11. Industrial and Pharmaceutical Microbiology

Discipline Specific Electives (DSE - 4 papers)

1. Agricultural and Marine Microbiology
2. Virology
3. Quality Assurance in Microbiology
4. Advances in Biotechnology

Discipline Specific Core Practical (DSCP - 8 papers)

1. Techniques in Bacteriology
2. Techniques in Agricultural and Marine Microbiology
3. Techniques in Virology and Microbial Physiology
4. Techniques in Molecular Biology and Genetic Engineering

5. Techniques in Immunology and Research Methodology
6. Techniques in Medical and Quality Assurance in Microbiology
7. Techniques in Food and Dairy Microbiology
8. Techniques in Industrial and Pharmaceutical Microbiology

Interdisciplinary course (IDC - 2 papers) / Project (1)

1. Microbiology and Human Health
2. Entrepreneurship in Microbiology. Recommendations given by
 * To enhance the industrial exposure / Skills and employment opportunities project work along with alt. paper can be adopted for final year M.Sc., Microbiology student also it would be better the project work may be shifted to III semester instead of IV Sem. so that the IIIrd Sem paper can be shifted to IV Semester.

* Instead of including online course in curriculum, the also courses (MOOC) can be categorised as extra optional credit course

The following members are present.

1) Dr. T. Siva Kumar University nominee
 ASST. prof of Microbiology
 Appasaadal Sahaki Ammal College
 Srirakasi, Madhuranagar
 16/3/2024

2. Dr. Joice Selva Mary Albert
 Head & ASST. prof of Micro Subject Expert
 St. Mary's college (Autonomous)
 Tuticorin
 16/3/2024

3. Dr. R. Janet Rani, Chairman
 Uthirakottai

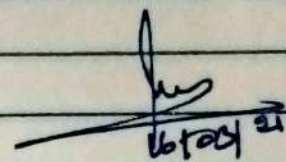
4. Dr. K. Chitra
 Chirakkal

5. Dr. K. Permy Khan
 K. Permy Khan

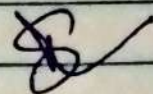
6. Dr. M. Senthil @ Sankar

Dr. S. S. Ah

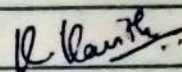
7. Dr. H. Manohar



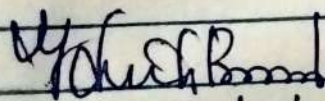
8. Dr. Hameedullah Sheriff



9. Dr. K. Karitha



* Resolved to introduce the new courses and revise the syllabus as mentioned in the annexure.



16/3/2021

Chairman / BOS MB

DR. R. JANET RANI

M.Sc., M.Phil., Ph.D.,

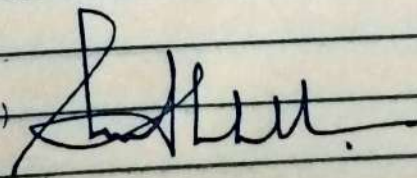
Head and Assistant Professor

Department of Microbiology

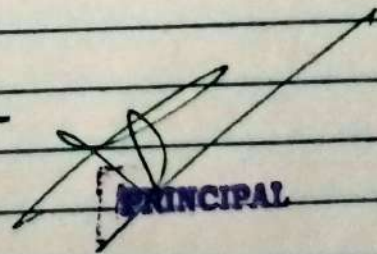
Sadakathullah Appa College (Autonomous)

Rahmath Nagar, Tirunelveli - 627011,

Tamilnadu, India



DEAN OF SCIENCES



PRINCIPAL

CHAIRMAN / CHAIRPERSON



Sadakathullah Appa College

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Annexure -I

Department of Microbiology (PG)

The Board of Studies of Department of Microbiology (PG) was held on 16.03.2021 for the approval of 2021-2024 syllabus. The number of new courses, courses focussing on Skill Development / Employability / Entrepreneurship, the percentage of revision are mentioned below.

New Courses introduced

S. No	Title of the course	Course code
1	Microbial Diversity and Classification	21PCMB13
2	Agricultural, Environmental and Marine Microbiology	21PEMB11A
3	Techniques in Agricultural, Environmental and Marine Microbiology	21PCMB1P2
4	Advances in Biotechnology	21PEMB11B
5	Bioethics, Biosafety and IPR	21PEMB11C
6	Food Safety, Quality Control, Sensory Evaluation	21PEMB21B
7	Fermentation Technology	21PEMB21C
8	Forensic Microbiology	21PEMB31B
9	Veterinary Microbiology	21PEMB31C
10	Environment and Waste Management	21PEMB41C

Courses focused on Skill development/Employability/Entrepreneurship

S.No	Title of the course	Course Code	Category
1	Techniques in Microbiology	21PCMB12	Skill development
2	Agricultural, Environmental and Marine Microbiology	21PEMB11A	Skill Development/ Employability
3	Techniques in Agricultural, Environmental and Marine Microbiology	21PCMB1P2	Skill Development/ Employability
4	Microbiology and Human Health	21PIMB11	Skill Development
5	Entrepreneur in Microbiology	21PIMB31	Skill Development
6	Techniques in Bacteriology	21PCMB1P1	Skill Development /Employability
7	Techniques in Microbial Physiology	21PCMB2P1	Skill Development /Employability
8	Techniques in Molecular biology and Genetic engineering	21PCMB2P2	Skill Development/ Employability
9	Immunology	21PCMB31	Skill Development/ Employability





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10	Medical Microbiology	21PCMB32	Skill Development/ Employability
11	Quality assurance in Microbiology	21PEMB31A	Employability
12	Advances in Biotechnology	21PEMB41A	Skill Development/ Employability
13	Research Methodology and Biostatistics	21PCMB33	Skill Development/ Employability
14	Techniques in immunology and research methodology	21PCMB3P1	Skill Development/ Employability
15	Techniques in medical and quality assurance in Microbiology	21PCMB3P2	Skill Development/ Employability
16	Food and Dairy Microbiology	21PCMB41	Employability
17	Industrial and Pharmaceutical Microbiology	21PCMB42	Skill Development/ Employability
18	Bioethics, Biosafety and IPR	21PEMB11C	Employability
19	Food Safety, Quality Control, Sensory Evaluation	21PEMB21B	Skill Development/ Employability
20	Fermentation Technology	21PEMB21C	Skill Development/ Employability
21	Forensic Microbiology	21PEMB31B	Employability
22	Veterinary Microbiology	21PEMB31C	Employability
23	Environment and Waste Management	21PEMB41C	Employability
24	Project	21PPMB41	Skill Development/ Employability/ Entrepreneurship
25	Techniques in Food and Dairy Microbiology	21PCMB4P1	Skill Development/ Employability
26	Techniques in Industrial and Pharma Microbiology	21PCMB4P2	Skill Development/ Employability

PERCENTAGE OF REVISION

S. No	Title of the course	Course code	Percentage
1	Microbial Diversity and Classification	21PCMB13	100%
2	Agricultural, Environmental and Marine Microbiology	21PEMB11A	100%
3	Techniques in Agricultural, Environmental and Marine Microbiology	21PCMB1P2	100%
4	Advances in Biotechnology	21PEMB11B	100%
5	Bioethics, Biosafety and IPR	21PEMB11C	100%
6	Food Safety, Quality Control, Sensory	21PEMB21B	100%





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	Evaluation		
7	Fermentation Technology	21PEMB21C	100%
8	Forensic Microbiology	21PEMB31B	100%
9	Veterinary Microbiology	21PEMB31C	100%
10	Environment and Waste Management	21PEMB41C	100%
11	General Microbiology	21PCMB11	78%
12	Techniques in Microbiology	21PCMB12	19%
13	Techniques in Bacteriology	21PCMB1P1	2%
14	Microbiology and Human Health	21PIMB11	6%
15	Microbial Biochemistry	21PCMB21	28%
16	Microbial Physiology and Metabolism	21PCMB22	42%
17	Molecular Biology and Genetic Engineering	21PCMB23	26%
18	Virology	21PEMB21A	75%
19	Techniques in Microbial Physiology And Virology	21PCMB2P1	8%
20	Techniques In Biochemistry, Molecular Biology and Genetic Engineering	21PCMB2P2	8%
21	Immunology	21PCMB31	2%
22	Quality Assurance in Microbiology	21PEMB31A	40%
23	Techniques In Immunology and Research Methodology	21PCMB3P1	2%
24	Techniques In Medical and Quality Assurance In Microbiology	21PCMB3P2	4%
25	Entrepreneurship in Microbiology	21PIMB31	6%
26	Food and Dairy Microbiology	21PCMB41	60%
27	Industrial And Pharmaceutical Microbiology	21PCMB42	60%
28	Techniques in Food and Dairy Microbiology	21PCMB4P1	8%
29	Techniques in Industrial and Pharmaceutical Microbiology	21PCMB4P2	6%

Total percentage of Revision: 34.17

Total number of Courses: 34


PRINCIPAL



M.Sc., Microbiology - 2023

Board of studies of M.Sc., Microbiology is held on today 17th May, 2023 in the Department premises of Sadakatullah Appa College, (Autonomous) Tumkur.

The members of the board thoroughly analyse the newly framed syllabus based on Tansche and approve the same with the slight modifications. The syllabus modified based on the structure given by the Deans Office.

I Semester -

Core Course - I General Microbiology and Microbial Diversity	6
Core II - Biochemistry and Microbial Physiology	5
Core III - Techniques in Microbiology	5
Core practical - I	4
Elective Course - I Forensic Science / Health Hygiene / Microalgal (EC) Technology	4
Skill Enhancement Course - I (SEC) Elective practical I	4
Ability Enhancement Compulsory Course I - Entrepreneurship in Soft Skill - I (AECC) Biobusiness	2

II - Semester

Core IV - Microbial Bacteriology and Mycology	6	30
Core V - Medical Virology and Parasitology	6	
Core p-II - Core practical II	4	
EC - II - Epidemiology / Clinical Diagnostic microbiology / Bioremediation. (DSE-II)	5	
EC III - Genetic Elective - III. Bioinformatics / Nano Biotechnology / Clinical Research and Clinical Trials		
SEC - II - Elective practical - II	3	
AECC - II - Vermitechnology (SS - II)	4	
	2	
		30

III - Semester

	H/w
Core VI - Soil & Environmental MB	5
Core VII - Mol. Biology & Rec. DNA Technology	5
Core VIII - Immunology & Immunomics	5
Core P III - Core practical III	4
EC - IV - Biosafety, Bioethics & TPR/ Toxicology/water Conservation & H ₂ O Treatment Technology	4
Core - Industry - practical module	4

SIC III SEC - III NPTEL

AECC - III Organic farming and Biofertilizer
(SS - III)

Internship

IV Semester

Core IX - Food and Dairy Microbiology	4
Core X - Research Methodology & Biostatistics	4
Core P IV - Core practical - IV	4
Core P - V - Core practical - V	4
EC - V - Bioenergy / Waste MB / Life Science for Competitive	4
Core - XI - project	4
SEC - IV - Training for Competitive Exam	4
AECC - IV - (SS - IV) Microbial Quality Control & Testing	2

30.

The members present in the Board of Studies,

1) Dr. S.K. Sundar -
Assistant prof & Head
Kamarajar Government Arts College,
Sivandai. B. V. S. J
(Subject Expert - I)

2) Dr. Prabha D,
IC Food Industry,
Dehydrated Fruits,
745/1 Granagiri Road, Sivakasi
626189 J. J. J
17/5/2023
(Industrialist)

3) M. K. Janitha, Asst prof & Head,
Department of Microbiology,
Scott Christian College (Autonomous)
Nagercoil - 3 J. J. J
17/5/2023
(Subject Expert - II)

4) Dr. R. Janet Rani (Chairman) U. Chinn
17/5/2023

5) Dr. K. Chitra K
17/5/23

6) Dr. K. Feroz Khan Dr. K. Feroz

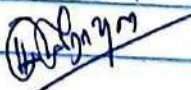
7) Dr. M. Manohar M. Manohar

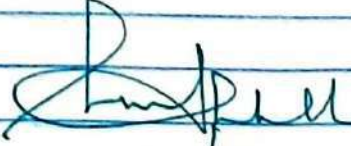
8) Dr. S. Meenakshi S. N. L.
17/5/23

9) Dr. P. Jeya sheela P. Jeya sheela
17/5/23

10) Dr. K. Kavitha K. Kavitha
17/5/23


CHAIRMAN / CHAIRPERSON


DEAN OF SCIENCES


PRINCIPAL

DEPARTMENT OF NUTRITION AND DIETETICS

PG BOARD OF STUDIES MEETING

DAY: WEDNESDAY

DATE: 29.09.2021

The First Board of studies Meeting of M.Sc Nutrition & Dietetics is held on 29.09.2021 at Seminar Hall. The following are the members of PG Board.

Members :-

1. BOARD CHAIRMAN :-

Mrs. R. Swarnalakshmi

Head & Assistant Professor

PG Department of Nutrition & Dietetics

Sadakathullah Appa College (Autonomous)

Tirunelveli - 627011

R. Shu
29/9/21

2. UNIVERSITY NOMINEE :-

Dr. M.S. Rubha

Head & Associate Professor

Department of Food Science & Nutrition

Holy cross Home Science college,

Thoothukudi

Rubha
29/09/21

3. SUBJECT EXPERT - I

Mrs. S. BALA SARASWATHY

Assistant Professor,

Department of Home Science,

V.V.V. College for Women,

Virudhunagar

S.S.
29/9/21

4. SUBJECT EXPERT-II

DR.(MYS). J. GRACIA
Assistant professor
Department of Food science & Nutrition
American college, Madurai

J. Gracia
29/9/21

5. INDUSTRIALIST

Miss. S. RAMALAKSHMI
Dietitian, Peace Health centre
Near New Bus Stand, Tirunelveli

6. ALUMINI :-

Miss. J. AFROSE KATHIJA
PG-Student
Sadakathullah Appa College
Tirunelveli.

J. Afrose Kathija
29/09/2021

7. MEMBERS :-

Mrs. V. Angel Mary
Assistant professor
PG Department of Nutrition & Dietetics,

V. Angel
29/09/21

8. Mr. S. M. PRASAD

Assistant professor
PG department of Nutrition & Dietetics,

S. M. Prasad
29/09/21
(S. M. Prasad)

9. Mrs. M. Vadivel Devi

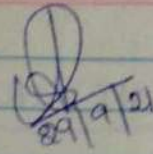
Assistant professor
PG department of Nutrition & Dietetics,

10. DR(MYS). P. Mageswari

Assistant professor
PG department of Nutrition & Dietetics

P. Mageswari
29/09/21

11. Mrs. C. Aruna Sundari
Assistant Professor
PG Department of Nutrition & Dietetics.

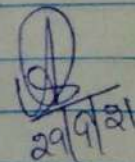

29/9/21

Suggestions :-

1. The Board members suggested the core-Discipline specific core, interdisciplinary core papers for all the four semesters and the copy of the list of papers are pasted in the page no:
2. The members suggested to include the paper title composite Home science as one of the papers to prepare the students for net exam.
3. The members framed and finalised all the experiments for the core practicals 1 to 8
4. The members suggested to include the name Home science in the nomenclature of both UG and PG to face the equivalency for career development.
5. The Board approved the syllabus for all the four semesters of PG Nutrition & Dietetics.

J. Rose Mathija
29/09/2021

J. Arun
29/9/21


29/9/21

P. Meen
29/09/21

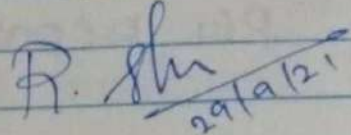
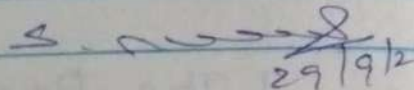
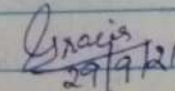
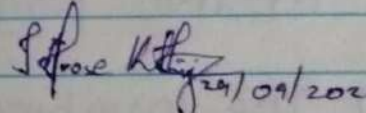
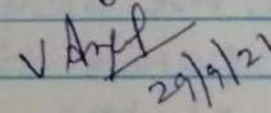
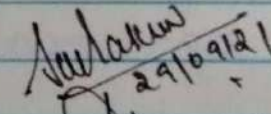
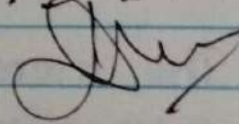
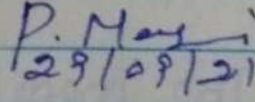
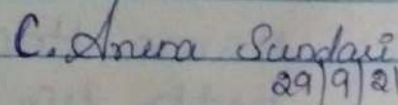
V. Anil
29/09/21

29/9/21

Sri. Rukhmi
29/09/21

29/09/21

SIGNATURES:-

1. Mrs. R. Swarnalakshmi -  29/09/21
2. Dr. M. S. Rubha - Rubha 29/09/21
3. Mrs. S. Balasaraswathi -  29/9/21
4. Dr (Mrs) J. Gracia -  29/9/21
5. Ms. S. Ramalakshmi - -
6. Ms. J. Afrose Kathija -  29/09/2021
7. Mrs. V. Angel Mary -  29/9/21
8. Mr. S. H. Prasad -  29/09/21
9. Mrs. M. Vadivel Devi - 
10. Dr (Mrs) P. Mageswari -  29/09/21
11. Mrs. C. Anura Sundari -  29/9/21



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Annexure - I Department of Nutrition and Dietetics (PG)

The Board of Studies of Department of Nutrition and Dietetics (PG) was held on 29.09.2021 for the approval of 2021-2024 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.	Core Practical - I	21PCND1P1	Skill Development
2.	Core Practical - II	21PCND1P2	Skill Development
3.	Core Practical - III	21PCND2P1	Skill Development
4.	Core Practical - IV	21PCND2P2	Skill Development
5.	Core Practical - V	21PCND3P1	Skill Development
6.	Core Practical - VI	21PCND3P2	Skill Development
7.	Core Practical - VII	21PCND4P1	Skill Development
8.	Nutrition for Fitness	21PEND11B	Entrepreneurship
9.	Baking and Confectionery	21PEND21C	Entrepreneurship
10.	Nutritional Assessment	21PEND31C	Entrepreneurship
11.	Textile Designing	21PEND41A	Entrepreneurship
12.	Indian Traditional Foods and Ayurvedic Nutrition	21PEND21B	Employability
13.	Extension Education and Communication	21PEND31A	Employability
14.	Clinical Laboratory Techniques	21PEND41B	Employability
15.	Programs for Rural Development	21PEND41C	Employability

Total Percentage of Revision: Nil

Total number of Courses: 35


PRINCIPAL



PGI Board of Studies Meeting

DAY: WEDNESDAY

Date: 17.05.2023

The post graduate Board of studies meeting was held on 17.05.2023 (Wednesday) in Nutrition Lab. The following

MEMBERS PRESENT :-

1. BOARD CHAIRMAN :-

Mrs. V. Angel Mary,
Head and Assistant Professor,
Sadakathullah Appa College,
Rahmath Nagar, Tirunelveli-627011

V. Angel
17/5/23

2. UNIVERSITY NOMINEE :-

Dr. M.S. Rubha,
Principal,
Holy Cross Home Science college,
Thoothukudi.

3. SUBJECT EXPERT - I :-

Mrs. S. Bala Saraswathi,
Assistant professor,
Department of Home Science,
V.V.V. college for women,
visudhunagar.

S. Bala Saraswathi
17/5/23

4. SUBJECT EXPERT - II :-

Dr (MRS). J. Gracia
Assistant Professor
Department of Food science & Nutrition
American College, Madurai

J. Gracia
17/5/23

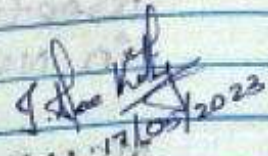
5. INDUSTRIALIST :-

Ms. S. Ramalakshmi
Dietitian, Peace Health Centre
Near New Busstand, Tirunelveli


17/05/2023

6. ALUMINI :-

Mrs. J. Afrose Kathifa
PG-Student
Sadakathullah Appa College
Tirunelveli.


17/05/2023

7. BOARD MEMBERS :-

(a) Mr. S. M. Prasad

Assistant Professor

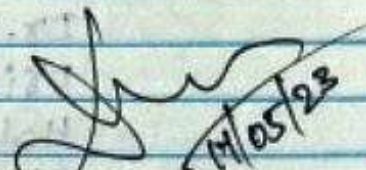
post graduate department of Nutrition & Dietetics
Sadakathullah Appa College, Rahmath Nagar,
Tirunelveli


17/05/23
S. M. Prasad

(b) Mrs. M. Vadivel Aevi

Assistant Professor

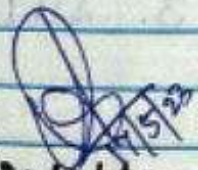
PG Department of Nutrition & Dietetics,
Sadakathullah Appa College,
Rahmath Nagar, Tirunelveli.


17/05/23

(c) Mrs. C. Aruna Sundari

Assistant Professor

PG Department of Nutrition & Dietetics,
Sadakathullah Appa College,
Rahmath Nagar, Tirunelveli.


17/05/23

(d) Ms. F. Fathima Farzana

Assistant Professor

PG Department of Nutrition & Dietetics,
Sadakathullah Appa College,
Rahmath Nagar, Tirunelveli.


17/05/23

(e) Dr. Mrs. S. Rama Jeba
Assistant Professor
PG Department of Nutrition & Dietetics
Sadakathullah Appa College,
Rahmath Nagar, Tirunelveli

17/05/23

(f) Dr. Mrs. J. Merrylin,
Assistant Professor,
PG Department of Nutrition & Dietetics,
Sadakathullah Appa College,
Rahmath Nagar, Tirunelveli.

17/05/23

(g) Dr. (Mrs). A.S. Sumaya
Assistant Professor,
PG Department of Nutrition & Dietetics,
Rahmath Nagar, Tirunelveli.

17/05/23

Resolutions Passed :-

- * This has been decided to resolve the following suggestions and to include the subjects from semester I to IV
- * opinion of the subject experts and board were taken in to consideration
- * The subject experts and the board approved the PG syllabus.
- * Structure of the PG syllabus were charted in page no: 8

Semester : 1

- Core I - Life span Nutrition
- Core II - Advanced Food science and Nutrition
- Core - III - Community Nutrition
- Core P(I) - Life span Nutrition practicals
- EC - I - Food Microbiology and Food Safety
- SEC - I - Food Microbiology and Food Safety (P)
- AEC - I - Soft skills - AFS & N (Practicals)

Semester : 2

- Core IV - Advanced Dietetics - I
- Core V - Applied Human physiology
- Core P-II - Advanced dietetics - I (Practical)
- EC - II - Baking and confectionary
- EC - III - Generic Elective - III (Diet Therapy)
- SEC - II - Baking and confectionary practical-II
- AEC - II - Soft skills - II Diet counselling Practice

* Summer Internship - 1st year vacation.

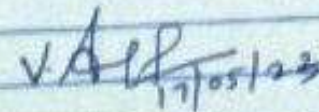


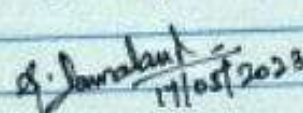
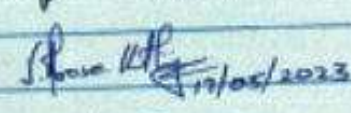

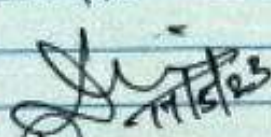
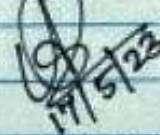
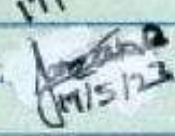
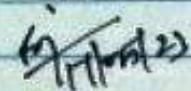
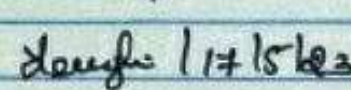

Semester : 3

- Core VI - Advanced Dietetics - II
- Core VII - Research methodology and statistics
- Core - VIII - Extension Education & communication
- Core P-III - Advanced Dietetics - II (P)
- EC - IV - Nutritional Biochemistry
- Core Industry - Nutritional Biochemistry (P)
- SEC - III - NPTEL
- AEC - III - Soft skills III - Nutritional Assessment
- Internship - Awarded on completion.

Semester: 4

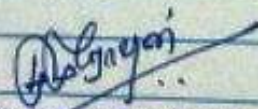
- COSE - IX - Food Processing & Preservation
- COSE - X - Sensory Evaluation & Culinary Service
- COSE - P-IV - Food Processing and Preservation Pract
- COSE - P-V - Sensory Evaluation & Culinary Service Pract
- EC-V - Textile Designing
- COSE - XI - Project with Viva voce
- SEC - IV - Skill Enhancement course IV
- AECC - IV - Soft skills - Foundations of Entrepreneur
- Extension - SOP - compulsory course.

SIGNATURES :-

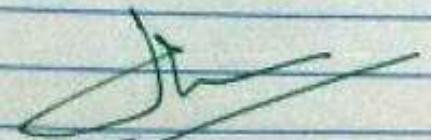
1. Mrs. V. Angel Mary -  17/05/23
2. Dr. M. S. Rubha - -
3. Mrs. S. Balasaraswathi -  17/5/23
4. Dr(Mrs) J. Gracia -  17/5/23
5. Ms. S. Ramalakshmi -  17/05/2023
6. Ms. J. Afrose Kathija -  17/05/2023
7. Mr. S. M. Prasad -  17/05/23
8. Mrs. H. Vadivel Devi -  17/5/23
9. Mrs. C. Aruna Sundari -  17/5/23
10. Ms. F. Fathima Farzana -  17/5/23
11. Dr(Mrs). S. Rama jeba -  17/05/23
12. Dr(Mrs) J. Merrylin -  17/5/23
13. Dr. Sumaya. A. S -  17/5/23



CHAIRMAN / CHAIRPERSON



DEAN OF SCIENCES



PRINCIPAL

PGI Department of Zoology.

Report on 1st Pre-board meeting (18.02.2021)

The first pre-board meeting for the revision of syllabus for PGI Department of Zoology for the academic year 2021-2024 was held on 18.02.2021 at 11.30 am in Dept. of Zoology. All the faculty members had participated in the meeting. We had discussed the course structure as per the guidelines given by TANSHE syllabus, UGC-LOCF and our parent university i.e. Manonmaniam Sundaranar University syllabus. We had selected a few new courses for the academic year 2021-2024. We had decided to change a few content in existing syllabus. We also discussed the new courses ~~in~~ MOOC - SWAYAM NPTEL to be incorporated with the new syllabus.

The pre-board meeting came to an end with few discussions.

The following members are attended

1. Dr. M.T. Delighta Marko Joyce

Duy

2. Dr. J. Shifa Vanmathi

Sh

3. Dr. A. Mohaideen

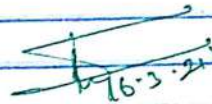
CHAIRMAN

PG Department of Zoology

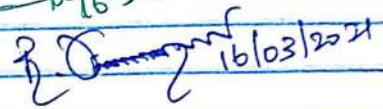
Board of studies meeting for M.Sc Zoology conducted on 16.03.2021 at Department of Zoology.

The following members are attended

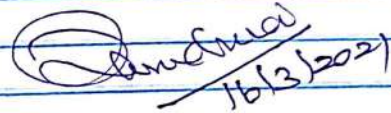
1. Dr. A. Palavesam


16.3.21

2. Dr. R. Thirumugan


16/03/2021

3. Dr. G. Kumaresan

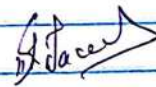

16/3/2021

4. Mr. P. Ramadurai

5. Mr. Vasanthakumar


16/3/2021

6. Dr. M. Sithi Jameela



7. Dr. M.I. Zahir Hussain



8. Dr. S. Mohammed Ramlath Sabana S.P ty 16/3/21

9. Dr. Peer Mohammed

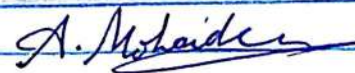


10. Dr. M.I. Delighta Mano Joyce. M.I. Delighta
16/03/2021

11. Dr. S. Shifa Varmathi



13. Dr. A. Mohaideen



Department of Zoology (PG) (09.09.2018 - 08.09.2021)

Category	Name of the Teacher	Designation	College Address	Residential Address	Mobile Phone Nos.
University Nominee	Dr.A.Palavesam	Professor and Head	Department of Animal Sciences, Manonmaniam Sundaranar university, Tirunelveli-12		9443545411 palavesh06@gmail.com
Subject Expert - I	Dr.R.Thirumurugan	Professor	Department of Animal Science, Centre of Excellence in Life Sciences, Bharathidasan University, Tiruchirappalli - 620024		
Subject Expert - II	Dr.G. Kumaresan	Professor	Department of Genetics , Centre for Excellence in Genomic Sciences, School of Biological Sciences, Madurai Kamaraj University, Madurai-625021		9443896541 kumar@ancocello mics.org
Alumni (Meritorious)	Mr.Vasanthakumar	Research Scholar	Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli-62712	3/102, East Street, Mangottapuram, Sivagalai Po, Srivaikundam Tk	
Industrialist	Mr.P.Ramadurai	Regional Assistant Director of Sericulture, Vellore	Sericulture Department, P.No.: 7 Nannagaram, Tenkasi-627811	4/175, NGO Colony, Sattur, Virudhunagar-626203	9791252249 adseritenkasi@gmail.com

Resolutions:

Board members recommended to add value added courses for PG students.

Members suggested to follow the old marks pattern for internal and external examinations.

Resolved to approve CBCS pattern course structure for the academic year 2021-2024.

Members insisted NPTEL course should be provided in I and II Semester.

Board members advocated IDC course for students irrespective of departments.

Resolved to introduce the new courses and revise the syllabus as mentioned in the annexure.

Board members put forward the following modifications:

- 1) DSE - II Elective paper - Environmental Biology and conservation and management title should be modified as Environmental Biology.
- 2) Immunology and Microbiology course should be separated as individual courses.
- 3) Microbiology course should be treated as individual elective paper in Semester III instead of endocrinology.
- 4) In Semester IV, Drug biology and Nanotechnology should be replaced by sericulture as elective paper.
- 5) In Semester IV, practical VII title should be changed as Immunology.

M. I. Delighli
17/09/2021

CHAIRMAN / CHAIRPERSON



DEAN OF SCIENCES



PRINCIPAL



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Annexure - I

Department of Zoology (PG)

The Board of Studies of Department of Zoology (PG) was held on 16.03.2021 for the approval of 2021-2024 syllabus. The number of new courses, courses focussing on Skill Development / Employability / Entrepreneurship, the percentage of revision are mentioned below.

New Courses introduced

S. No.	Title of the Course	Course Code
1.	Biology of Invertebrates and Chordates	21PCZO11
2.	Endocrinology	21PEZO11C
3.	Biology of Invertebrates and Chordates Practicals	21PCZO1P1
4.	Ornamental fish culture	21PIZO11
5.	Environmental Biology	21PEZO21B
6.	Research Methodology	21PCZO33
7.	Parasitology	21PEZO31C
8.	Biostatistics and Bioinformatics & Research Methodology Practicals	21PCZO3P2
9.	Applied Zoology	21PIZO31
10.	Animal Feed Technology	21PEZO41C
11.	Entomology Practicals	21PCZO4P2

Courses focused on Skill Development /Employability / Entrepreneurship

S. No.	Title of the Course	Course Code	Category
1.	Apiculture	21PEZO11A	Entrepreneurship and Employability
2.	Ornamental fish culture	21PIZO11	Entrepreneurship and Employability
3.	Vermiculture	21PEZO21A	Entrepreneurship
4.	Fisheries and aquaculture	21PEZO31B	Employability in Fish Preservation and Processing Industry
5.	Applied Zoology	21PIZO31	Entrepreneurship and Employability
6.	Sericulture	21PEZO41A	Entrepreneurship
7.	Poultry and Dairy Science	21PEZO41B	Employability and Entrepreneurship





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8.	Animal Feed Technology	21PEZO41C	Employability and Entrepreneurship
9.	Biology of Invertebrates and Chordates Practicals	21PCZO1P1	Skill development
10.	Biochemistry & Cell and Molecular Biology Practicals	21PCZO1P2	Skill development
11.	Developmental Biology Practicals	21PCZO2P1	Skill development
12.	Genetics and Evolution & Animal Biotechnology Practicals	21PCZO2P2	Skill development
13.	Animal Physiology Practicals	21PCZO3P1	Skill development
14.	Biostatistics and Bioinformatics & Research Methodology Practicals	21PCZO3P2	Skill development
15.	Immunology Practicals	21PCZO4P1	Skill development
16.	Entomology Practicals	21PCZO4P2	Skill development

Percentage of Revision

S. No.	Courses	Course Code	Percentage %
1.	Biochemistry	21PCZO12	10%
2.	Cell and Molecular Biology	21PCZO13	26%
3.	A) Apiculture	21PEZO1A	10%
4.	B) Systematics and Animal Diversity	21PEZO1B	24%
5.	Developmental Biology	21PCZO21	28%
6.	Genetics and Evolution	21PCZO22	19%
7.	Animal Biotechnology	21PCZO23	39%
8.	A) Vermiculture	21PEZO2A	26%
9.	Developmental Biology Practicals	21PCZO2P1	5%
10.	Genetics and Evolution & Animal Biotechnology Practicals	21PCZO2P2	18%
11.	Animal Physiology	21PCZO31	34%
12.	Biostatistics and Bioinformatics	21PCZO32	27%
13.	A) Microbiology	21PEZO3A	18%
14.	B) Fisheries and aquaculture	21PEZO3B	49%





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15.	Animal Physiology Practicals	21PCZO3P1	8%
16.	Biostatistics and Bioinformatics & Research Methodology Practicals	21PCZO3P2	18%
17	Immunology	21PCZO41	5%
18	Entomology	21PCZO42	13%
19	A) Sericulture	21PEZO4A	24%
20	B) Poultry and Dairy Science	21PEZO4B	58%

Total Percentage of Revision: 18.36 %.

Total number of Courses: 35


PRINCIPAL



PG. Department of Zoology.

The Second Pre-board of Studies meeting for the new Syllabus prescribed by TANSICHE was conducted on 15.05.2023 at our department. We discussed about the content given for each course and we added content for the new courses introduced in the core structure. The following new courses were added.

1. Systematics and Animal diversity - Semester I
2. Generic elective - Poultry farming - in Semester II
3. Lab Course in Animal Physiology - in Semester III

4. Lab course in Ecology - in Semester IV
We also selected a Lab course in Genetics and Evolution as a practical paper in Core Industry module course type.

All the faculty members attended and gave suggestions. Then the meeting came to an end.

The following faculty members attended:

1. Dr. M.P. Delighta Mano Joyce - *Devy*
17/05/2023
2. Dr. J. Shija Vamathi - *J*
17/05/23
3. Dr. A. Mohaideen - *Au*
17/5/23
4. Dr. A. Muthuraman - *ufer*

PG Department of Zoology

Board of studies meeting for M.Sc. Zoology
 conducted on 17.05.2023 at Department of Zoology

The following members are attended

1. Dr. K. Sahayaraj
 Associate professor & Head
 Department of Zoology
 St. Xavier's college (Autonomous)
 Palayamkottai
Mony
17/5/23
2. Dr. B. Geetha
 Associate professor,
 PG & Research Department of Zoology
 V.O. Chidambaram college
 Thoothukudi
Jell
17/5/2023
3. Mr. A. Sajahan
 Ph.D. Scholar
A. Sajahan
17/5/2023.
4. Mrs. R. Diana, M.Sc (Agri)
 Industrialist
 Junior Inspector,
 Dept. of Sericulture,
 DTC, V.M. Chatham
Y
17/5/2023
5. Dr. M. I. Delighta Mano Joyce
M.I. Delighta
17/5/2023
6. Dr. S. Shifa Vanmatti
S. Shifa
17/5/23
7. Dr. A. Mohaideen
A. Mohaideen
17/5/23
8. Dr. A. Muthusaman
A. Muthusaman
17/5/23

Recommendations:

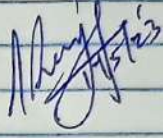
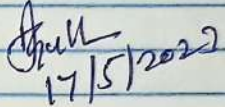
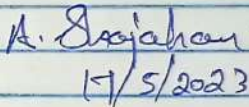
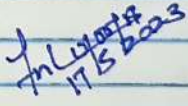
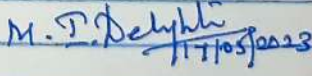
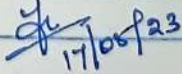

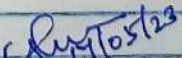
1. General Introduction to M.Sc Zoology may be given
2. PO & CO should be in uniform number
3. Employment opportunities should be mentioned.
4. Professional Competency Course - IPR may be considered.
5. Summer Internship (II Semester) and Extension activities norms such as faculty work load, Assessment method and credit allotment should be clearly mentioned.
6. Recommended text books - Research methodology (Gunnarani) Poultry science (Gunnarani) Entomology (Kalyana Suresh)
7. Laboratory kits should be purchased for new laboratory experiments.
8. Common syllabus may be framed for competitive examinations.
9. Animal ethical committee within the department may be framed and function regularly.

Resolutions

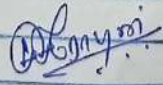
1. Case III is changed to Medical Lab Technology
2. Case Practical I - Dissection of Sepia, crab and shark species may be done in virtual mode (or) youtube
3. AECC-1 - Sericulture - Exsiculture content may be added in unit III and repeated content in unit IV should be removed.
4. SEC-2 - Economic entomology - Unit III - Specify any 3 major pest only.
5. Case Practical II - Demonstration method may be recommended for a few experiments.
6. Case IX - Immunology and ec-V - Aquaculture content may be reduced.
7. Case Practical IV & V may be combined.
8. Case XII - Project - Addition of 20 fish

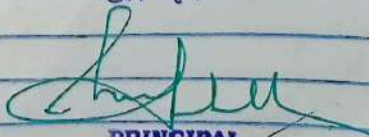
9. Totally Two theory Papers and Four ^{Practical} papers are incorporated in the syllabus.

BoS Members

1. Dr. K. Sahayaraj
Associate professor & Head
St. Xavier's college (Autonomous)
Palayamkottai

2. Dr. B. Guelka
Associate professor
V.O. Chidambaram college
Thoothukudi

3. Mr. A. Shajahan
Ph.D. Scholar

4. Mrs. R. Diana, M.Sc (Agri)
Industrialist
Junior Inspector,
Dept. of Sericulture
DTC, V.M. Chaltham

5. Dr. M. I. Delighta Mano Joyce

6. Dr. S. Shifa Varmathi

7. Dr. A. Mohaideen

8. Dr. A. Muthuraman


M. I. Delighta
17/05/2023
CHAIRMAN / CHAIRPERSON


DEAN OF SCIENCES


PRINCIPAL