

Minutes of the Board of Studies

Name of the Dept: THE RESEARCH CENTRE OF HOME SCIENCE.
To be implemented from the academic year 2021-22,
Venue: Virtual

Convened on 12.04.2021.

Convened at 2.00 pm.

Members Present:

1. DR. VASANTHA ESTHER RANI
2. DR. G. SRIDEVI,
ASST. PROFESSOR,
DEPT. OF PLANT BIOTECHNOLOGY
SCHOOL OF BIOTECHNOLOGY,
MADURAI KAMARAJ UNIVERSITY,
MADURAI - 21.
3. DR. P. C. JEMINA RANI,
ASST. PROFESSOR,
DEPT. OF COSTUME DESIGN &
FASHION
CHIKKANA GOVT. ARTS. COLLEGE,
TIRUPUR.
4. DR. SRIDEVI SIVAKAMI,
ASSOCIATE PROFESSOR,
DEPT. OF FOOD SCIENCE,
MANAGEMENT & DIETETICS.
AVINASHILINGAM UNIVERSITY,
COIMBATORE
5. DR. SURESH GOVINMAN,
RESEARCH HEAD, AVN AYURVEDIC
FORMULATIONS PVT. LTD.

HEAD OF THE DEPT.

Vasanth Esther

UNIVERSITY NOMINEE.

G. Sridevi

Dr. G. Sridevi
Assistant Professor

Department of Plant Biotechnology
School of Biotechnology
Madurai Kamaraj University
Madurai - 21

SUBJECT EXPERT.

P. Ch
12/4/2021

SUBJECT EXPERT.

P. Ch
12/4/2021

INDUSTRIALIST.

L. V
12/4/21

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| 6. | MS. SUSHEELA KATHIRAVAN,
AVP. CORPORATE PARTNERSHIPS,
CALCIDUS SOCIAL ENTREPRISES,
BANGALORE | ALUMNA.
K. Suseela
12.04.21 |
| 7. | DR. N. MALATHI,
ASSOCIATE PROFESSOR,
DEPT. OF ZOOLOGY | DEAN OF ACADEMIC AFFAIRS |
| 8. | DR. R. LATHA.
ASSOCIATE PROFESSOR | STAFF MEMBER |
| 9. | DR. K. KARTHIGA.
ASST. PROFESSOR. | STAFF MEMBER. |
| 10. | MRS. P. MAGDALENE VIRJINI
ASST. PROFESSOR | STAFF MEMBER |
| 11. | MRS. C. HELEN
ASST. PROFESSOR | STAFF MEMBER. |
| 12. | MRS. D. MOUNA.
ASST. PROFESSOR. | STAFF MEMBER |
| 13. | DR. C. PRIYALATHA.
ASST. PROFESSOR. | STAFF MEMBER. |
| 14. | MS. BAREERA
ASST. PROFESSOR. | STAFF MEMBER. |
| 15. | MS. A. MABEL ESTHER PARIPURNA | FDGC - STAFF MEMBER |
| 16. | MRS. C. BHUVANESWARI | FDGC - STAFF MEMBER |

Minutes of the Board of Studies for M.Sc. H Nutrition & Nutraceuticals.

Venue: Virtual.

Convened on 12.04.2021. Convened at 2pm.

ACTION TAKEN REPORT.

S.No. COMMON SUGGESTIONS OFFERED
IN THE PREVIOUS BOARD.

ACTION TAKEN FOR THE
ACADEMIC YEAR 2020.

1. The Board members appreciated the framework of syllabi for PG courses.
2. The industrial internship at the Food industry for PG students was much appreciated by the Board.

NEW COURSES INTRODUCED.

S.No	COURSE CODE	COURSE TITLE	RELEVANCE SCORE FOR						NEED FOR INTRODUC
			L	R	N	G	EMP	ENTR	SD
1.	PG4NEA	NUTRITION IN CRITICAL CARE & DISASTERS.					G EMP		
									STUDENTS CAN FIND A SPECIAL DIETETIAN JOB IN MULTISPECIAL HOSPITALS.

REVISED COURSES.

S.No	COURSE CODE	COURSE TITLE	No. & TITLE OF UNITS REVISED	% OF REVISION	NEED FOR REVISION	RELEVANCE	SCORE FOR.
1.	PG3N11	FUNCTIONAL FOODS & NUTRACEUTICALS IN PREVENTIVE DIETETICS.	PHYSIOLOGICAL ASPECTS OF UNIT I, II & V WERE DELETED, AS A PAPER EXCLUSIVELY ON APPLIED PHYSIOLOGY HAS BEEN INTRODUCED IN SEM I. IN UNIT V, REPRODUCTIVE HEALTH IS INCLUDED.	25%	A PART OF THE SYLLABUS HAS BEEN DELETED AND INCLUDED IN THE PAPER APPLIED PHYSIOLOGY IN SEM. I.	L	EMP.
2.	19PG3N14	ANALYTICAL INSTRUMENTATION	ICP - INDUCTIVE COUPLED PLASMA SPECTROPHOTOMETRY WAS INCLUDED IN UNIT IV	5%	RECENT SPECTROSCOPIC METHOD WAS INCLUDED.	G	EMP.
3.	19PG3N16	TECHNIQUES IN EXPERIMENTAL NUTRITION.	ESTIMATION OF ACID VALUE IN FRUITS & VEGETABLES HAS BEEN INCLUDED.	5%	ONE OF THE ESSENTIAL ANALYSIS FOR FRUITS & VEGETABLES.	G	EMP
4.	19PG4N16	FOOD MICROBIOLOGY	UNIT II WAS RENAMED AS FOOD BORNE INFECTIONS.				

UNIT II WAS 5% TITLES OF
 RENAMED AS UNITS ARE G
 CONTAMINATION, RENAMED.
 SPOILAGE $\frac{1}{3}$
 PREVENTION.
 UNIT IV WAS
 RENAMED AS
 FOOD BORNE
 INTOXICATIONS.

UPDATION OF OPEN EDUCATIONAL RESOURCES

S.No	COURSE CODE	COURSE TITLE	DETAILS OF UPDATION
1.	19PG1N1	ADVANCED HUMAN NUTRITION	https://en.wikibooks/Fundamentals of human nutrition
2.	19PG1N2	ADVANCED DIETETICS	https://library.open.org
3.	19PG1N3	APPLIED PHYSIOLOGY	www.livescience.com
4.	19PG2N6	CLINICAL NUTRITION & DIET THERAPY	https://clinical-nutrition.imb
5.	19PG2N7	FUNCTIONAL FOODS & NUTRACEUTICALS	https://www.wisegeek.com
6.	19PG2N8	RESEARCH METHODOLOGY	https://library.shu.edu/open-research methods
7.	19PG3N12	COMMUNITY NUTRITION	https://www.nin.res.in/
8.	19PG3N11	FUNCTIONAL FOODS & NUTRACEUTICALS IN PREVENTIVE DIETETICS	www.medicalnewstoday.com

9. 19PG3N13 ANALYTICAL INSTRUMENTATION <https://microbenotes.com/Types of chromatography/>.
10. 19PG3NE1. FOOD PRODUCT DEVELOPMENT & SENSORY EVALUATION <https://open.lib.umn.edu/principlesmarketing/>.
11. 19PG3NE2 INSTITUTIONAL MANAGEMENT <https://open.umn.edu/opentextbooks/>
12. 19PG4N16 FOOD MICRO BIOLOGY <https://www.biocaster.org/>.
13. 19PG4N17. NUTRITIONAL BIOCHEMISTRY <https://www.chem.purdue.edu/>.
14. 19PG4N18. ADVANCED FOOD SCIENCE & PROCESSING TECHNIQUES <https://www.britanica.com/technology/meat-processing>.
15. 19PG4NE3 FOOD SAFETY & QUALITY CONTROL. <https://www.ag.ndsu.edu/>
16. 19PG4NE4 NUTRITION IN CRITICAL CARE & DISASTERS www.scm.org/getattachments/Diaster/Nutrition-Therapy.

REVISION OF COURSES

S. No.	COURSE CODE	COURSE TITLE	UNITS REVISED	%	NEED FOR REVISION	RELEVANCE
1.	19PG1N3.	APPLIED PHYSIOLOGY	INCLUDE TRANS GENDER. SPECIFY SECONDARY SEXUAL CHARACTERIS OF MALE/FEMALE	10%	INCLUSION OF SUBHEADINGS GIVES MORE INPUTS.	G
2.	19PG2N10. (22PG2N10)	FFN LAB.	QUANTITATIVE ESTIMATION OF CURCUMIN, PHENOLS & LIGNANS WERE DELETED. INSTEAD QUALITATIVE ANALYSIS OF PHENOLS, TANNINS, SAPONINS, FLAVONOIDS, ANTHOCYANINS & PHYTOSTEROLS ARE INCLUDED	40%	IDENTIFYING THE PRESENCE OF BIOACTIVE COMPONENTS WOULD ENHANCE KNOWLEDGE ABOUT THE MULTIPLE NUTRACEUTICALS PRESENT INFOODS THROUGH QUALITATIVE ANALYSIS.	G

NEW COURSES INTRODUCED.

S. No.	COURSE CODE	COURSE TITLE	RELEVANCE	SCOPE	NEED FOR INTRODUCTION
1.	21PG1SLNI	INTELLECTUAL PROPERTY RIGHTS.	G.	SD.	RECENT TREND IN APPLYING PATENT FOR THE INNOVATIVE FORMULATIONS OF VALUE ADDED FOOD PRODUCTS

2.	21PG2NSL2	GERIATRIC SCIENCES.	G.	ENTR.	KNOWLEDGE OF DIET COUNSELING FOR ELDERLY.
3.	21PG3NSL3	NUTRITION GENOMICS.	G.	SD.	NUTRIGENOMICS IS THE RECENT TREND IN NUTRITIONAL SCIENCES.
4.	21PG4NSL4	SPORTS NUTRITION.	G.	EMP.	NEED FOR DIET COUNSELING FOR SPORTS PERSONS.

INTRODUCTION OF PURELY SKILL - EMBEDDED CERTIFICATE/DIPLOMA.

NIL.

APPROVAL OF PH.D COURSE WORK SYLLABUS.

Ph.D Course Work syllabus for 3 Ph.D Full time scholars was approved by the Board.

RUBERICS FOR INTERNSHIP / THESIS.

C1 - 20 marks.

C2 - 20 marks.

TOTAL C.I.A - 40 marks.

External

Thesis - 30 marks.

VIVA VOCE - 30 marks.

TOTAL - 60 marks.

The Ruberics for internship & Thesis was approved by the Board.

1. HEAD OF THE DEPT.

Masontya E. Panji

2. UNIVERSITY NOMINEE.

G. Sudi

3. SUBJECT EXPERT

P. Adhi Sleni

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| 4. | SUBJECT EXPERT. | <i>S. C. Me</i> |
| 5. | INDUSTRIALIST. | <i>Mr. [Signature]</i> |
| 6. | ALUMNA. | K. Suseela |
| 7. | DEAN OF ACADEMIC AFFAIRS. | |

8. STAFF MEMBERS.

- 1) *Mason E. Ram*
- 2) *R. Laha*
- 3) *D. Munir*
- 4) *P. Eydala Vijini*
- 5) *[Signature]*
- 6) *K. Kalliga*
- 7) *C. Priyathar*
- 8) *Banerjee*
- 9) *[Signature]*
- 10) *A. Mabel Esther Paripurna*
- 11) *E. Bhuvaneswari*

12/09/2021