



ಅಕ್ಕಮಹಾದೇವಿ ಮಹಿಳಾ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ವಿಜಯಪುರ
(ಹಿಂದಿನ ಪದನಾಮ: ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಹಿಳಾ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ)

AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA
(Formerly, Karnataka State Women's University)

COORDINATOR

Department of Food Processing & Nutrition

Office: 08352 229070

Cell: +919886253587

No. AWUV/FP&N/2017-18/

Date: 22/10/17

PROCEEDING OF THE BOS IN FOOD PROCESSING AND NUTRITION

Date: 28th Oct 2017

A meeting of BoS in food processing and Nutrition is held on 28th Oct 2017 in the department of food processing and nutrition A W University, Vijayapura at 11.00 am. The Dean faculty of Science and technology chaired the meeting and following members present

1. **Dean Faculty of Science and Technology**
Akkamahadevi Women's University Vijayapura

2. **Dr. Devindra Vidyasagar S**
Scientist, National Institution of Nutrition
Hyderabad

3. **Dr. Pushpa Bharati**
Community College,
University of agricultural sciences
Dharwad

4. **Dr. Kasturiba**
Community College,
University of agricultural sciences
Dharwad

Agenda

1. To Prepare and approve the panel of Examiners
2. Revision of syllabus
3. Any other matter with the permission of chairman



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AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA

(Formerly, Karnataka State Women's University)

COORDINATOR

Department of Food Processing & Nutrition

Office: 08352 229070

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No. AWUV/FP&N/2017-18/

Date:

Resolutions

1. Panel of examiners is prepared and approved
2. The syllabus needs to be revised completely to cope up with the present trends of studies in Food processing and Nutrition. To revise the entire syllabus another meeting of BoS has to be convened in near future. The tentative date of next meeting would be 20th Jan 2017.
3. The Board Suggested to conduct industrial study tour for the M.Sc. students during their III semester or immediately after third semester examinations.
4. No other matter was put forth for discussion hence the meeting is adjourned.

Name of the Members

1. Dean
2. Dr. Devindra S
3. Dr. Pushpa Bharati
4. Dr. Kasturiba

Designation

- Chairman
Member
Member
Member

Signature







AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA.
PROCEEDINGS OF THE MEETING OF BOS (PG) IN FOOD PROCESSING AND NUTRITION

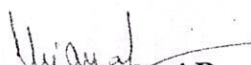
Proceedings of the meeting of Board of Studies (PG) in Dean Office, Science Block held on 16-06-2018 at 11.00 am in Akkamahadevi Women's University, Vijayapura.


Members:

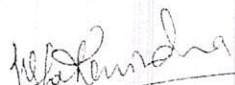
- | | |
|--|----------|
| 1) Prof. Aziz Makandar
Dean & Chairman, Faculty of Science and Technology
AWU, Vijayapura. | Chairman |
| 2) Dr. Vijayalakshmi D
Dept. of Food Processing & Nutrition
University of Agricultural Science, Bangalore. | Member |
| 3) Dr. M. L. Revanna
Dept. of Food Processing and Nutrition
Gandhi Krishi Science Centre, Bangalore. | Member |
| 4) Dr. Usha Ravindra
Dept. of Food Processing & Nutrition
University of Agricultural Science, Bangalore. | Member |

Resolutions:

1. The board adopted the new regulation (CBCS) and prepared the revised syllabus of M.Sc. (Food Processing & Nutrition) course in conformance with CBCS frame work for 2018-19 and onwards and approved the same.
2. The Board prepared the panel of paper setters/examiners for the M.Sc. (Food Processing & Nutrition) for the academic year 2018-19 and resolved to approve the same (the list enclosed). Further, the board resolved that the paper setters/examiners in the cross-disciplinary courses shall be drawn from the panel of examiners approved by the board of concerned subjects.


Dr. Vijayalakshmi D
Member


Dr. M. L. Revanna
Member


Dr. Usha Ravindra
Member


Prof. Aziz Makandar
Dean & Chairman



**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,
VIJAYAPURA**

PROCEEDINGS OF THE MEETING OF BOS (PG) IN FOOD PROCESSING AND NUTRITION

Proceedings of the meeting of Board of Studies (PG) in the Chairman Office, Science Block held on 26-03-2019 at 11.00 am in Karnataka State Akkamahadevi Women's University, Vijayapura.

Members:

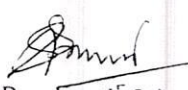
- 1) Dr. Renuka Meti
Associate Professor and Chairperson,
Dept. of Food Processing & Nutrition
KSAWU, Vijayapura. Chairman
- 2) Dr. Devindra S.,
Senior Scientist,
Department of Dietetics,
National Institution of Nutrition, Taranaka Fly Over,
Jamia Osmania, Hyderabad, Telangana. Member
- 3) Dr. Kashibai Khyadagi
Associate Professor and Head,
Dept. of Food Science and Nutrition
University of Agricultural Sciences,
College of Agriculture, Hittnali Farm, Vijayapura Member
- 4) Dr. Prashanth S J
Associate Professor,
Dept. of Food Processing & Nutrition
KSAWU, Vijayapura. Member

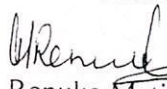
Resolutions:

1. The board scrutinized the new syllabus for Ph.D. scholars and approved.
2. The board adopted the new regulation (CBCS) and prepared the revised syllabus of M.Sc. (Food Processing & Nutrition) course in conformance with CBCS frame work for the academic year 2019-20 and onwards and approved the same.
3. The Board prepared the panel of paper setters/examiners for the M.Sc. (Food Processing & Nutrition) for the academic year 2019-20 and resolved to approve the same (the list enclosed). Further, the board resolved that the paper setters/examiners in the cross-disciplinary courses shall be drawn from the panel of examiners approved by the board of concerned subjects.


Dr. Devindra S
Member


Dr. Kashibai Khyadagi
Member


Dr. Prashanth S J
Internal Member


Dr. Renuka Meti
Chairman

FPN

BOS

1.12



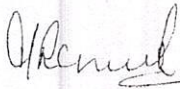

KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA
DEPARTMENT OF FOOD PROCESSING AND NUTRITION

Date: 07-03-2020

PROCEEDINGS OF THE BOS MEETING

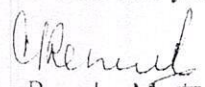
Proceedings of the BOS meeting in Food Processing and Nutrition, KSAWU, Vijayapura, held through circulation on 07-03-2020.

The Members Present

1. Dr. Renuka Meti
Associate Professor and Chairperson
Dept. of Food Processing & Nutrition
KSAWU, Vijayapura
Chairman 
2. Dr. Prashanth S J
Associate Professor
Dept. of Food Processing & Nutrition
KSAWU, Vijayapura
Member 
3. Dr. Devendra Vidyasagar
Senior Scientist,
Dept. of Dietetics,
National Institution of Nutrition, Tarnaka Fly Over,
Jamia Osmania, Hyderabad, Tellangana
Member (External)

RESOLUTION:

1. The Committee noted the Revised PhD Course work pattern with respect to marks allotment addition of two new papers, Research and Publication Ethics and Review of literature. (vide. AC meeting held on 25-09-2019, resolution item No.4, KSAWUV).The committee resolved to accept the same and forwarded it to the Registrar, KSAWUV, for further necessary action.
2. The board approved the syllabus of M.Sc. in Food Processing and Nutrition for the academic year 2020-21
3. The Board prepared the panel of paper setters/examiners for the M.Sc. Food Processing & Nutrition and Ph.D in Food Processing & Nutrition for the academic year 2020-21 and resolved to approve the same (the list enclosed).


Dr. Renuka Meti
The Chairperson,

Department of Food Processing and Nutrition,
KSAWU, Vijayapura
Chairperson,

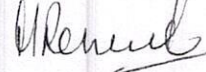
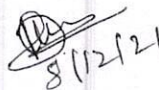
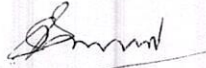
Dept. of Food Processing & Nutrition,
Karnataka State Akkamahadevi Women's University,
Vijayapura-586102.

**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,
VIJAYAPURA**

PROCEEDINGS OF THE MEETING OF BOS (PG) IN FOOD PROCESSING AND NUTRITION

The Proceedings of the meeting of Board of Studies (PG) is held in the Chairman's Office, Science Block, KSAWU Vijayapura on 08-12-2021 at 11.30 am.

Members:

- | | | |
|--|----------|---|
| 1. Dr. Renuka Meti
Associate Professor and Chairperson
Dept. of Food Processing & Nutrition
KSAWU, Vijayapura | Chairman | 
8-12-21 |
| 2. Dr. Devindra S
Scientist, Dept. of Dietetics,
ICMR-National Institute of Nutrition,
Tarnaka Fly Over, Jamia Osmania Post,
Tarnaka, Hyderabad, Telangana | Member | 
8/12/21 |
| 3. Dr. Prashanth S J
Associate Professor & Special Officer
Udutadi PG Centre (KSAWU), Udugani Post
Shikaripura, Tq. Shivamogga Dist. | Member | 
08/12/2021 |

Resolutions:

1. The board scrutinized and approved the Clinical Nutrition and dietetics for Ph.D. in Food Processing and nutrition syllabus and given the course code as PHDFPN 106.
2. The board scrutinized and approved the syllabus for PG Diploma in Nutrition and Dietetics with the course code as PGDND 101
3. The board scrutinized and approved the syllabus for PG Diploma in Sports Nutrition with the course code as PGDSN 101
4. The board scrutinized and approved the panel of examiners for the academic year 2021-22
5. The board scrutinized and approved the M.Sc. Food Processing and Nutrition syllabus for the academic year 2021-22
6. The board reviewed the Question papers for the academic year 2020-21
7. The approved the Question paper pattern for ten academic year 2021-22
8. The board discussed to have MoU with ICMR-NIN, Hyderabad and other universities and institutes.

Dr. Devindra S

Dr. Prashnth S J

Dr. Renuka Meti

Chairperson,
Dept. of Food Processing & Nutrition,
Akkamahadevi Women's University,
Vijayapura-586108.

Benchmark Document - General U
Criterion 1 - Curricular Aspects

Key Indicator - 1.2 Academic

Metric	Description
1.2.1 Q _a M	Percentage of new courses introduced out of the total number of courses across all programmes offered during the last five years (30)

Key Indicator - 1.3 Curriculum

Metric	Description
1.3.2 Q _a M	Number of certificate / value-added courses / Diploma Program / online courses like MOOCS / SWAYAM / e_Pathshala/ NPTEL where the students of the institution have enrolled and benefited (30)
1.3.3 Q _a M	Percentage of Programs that has components of field projects / research projects / internships during last five years (5)

Key Indicator - 1.4 Feedback System

Metric	Description
1.4.1 Q _a M	Structured feedback for curriculum and its transactions is obtained regularly from stakeholders like Students, Teachers, Employees, Alumni, Academic peers etc., and Feedback processes of the institution may be classified as follows (20) A. Feedback collected, analysed, action taken & communicated to relevant body and feedback hosted on the institutional website B. Feedback collected, analysed, action has been taken and communicated to the relevant body C. Feedback collected and analysed D. Feedback collected E. Feedback not collected

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KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA –
586 108

DEPARTMENT OF FOOD PROCESSING & NUTRITION

PH.D. COURSE WORK SYLLABUS

2021-22

Paper No.	Paper Code	Title of the Paper	Credits	Maximum Marks	Term End	Internal Assessment	Passing Marks	Duration of Examination
P-I	PHDRM 101	Research Methodology	04	100	70	30	50	3 Hours
*P-II (a)	PHDFPN 102	Food Processing and Nutrition - I	04	100	70	30	50	3 Hours
*P-II (b)	PHDFPN 103	Food Processing and Nutrition - II	04	100	70	30	50	3 Hours
P-III	PHDRLT 104	Review of Literature (Valuation of Report & Viva-Voce)	04	100	70	30	50	-
P-IV	PHDRPE 105	Research & Publication Ethics	02	50	35	15	25	1.5 Hours
P-V	PHDFPN 106	Advances in Clinical Nutrition and Dietetics	04	100	70	30	50	3 Hours
*Note: Students will opt any one subject among P-II (a) or P-II (b) or P-V based on the subjects offered by their Research Supervisor								
Total			14	350	245	105	175	

Note: Aggregate passing marks shall be 55%

U. Kumar
8/12/21
Chairperson,

Dept. of Food Processing & Nutrition,
Akkamahadevi Women's University,
Vijayapura-586108

U. Kumar
08/12/2021

P-V: PHDFPN 106: ADVANCES IN CLINICAL NUTRITION AND DIETETICS (FPN)

CREDITS – 4

Max. Marks : 100

Evaluation Pattern: 70 Marks Term End + 30 Marks Internal Assessment (C1=15 & C2=15)

UNIT 1: PROCESSING OF FOODS

Cereals Processing, Pulse processing, Fruits and Vegetable Processing, Dairy, Meat, Fish and Poultry processing, Nutraceuticals & Functional Foods, Methods for testing of nutritional quality of foods (Proteins, Fats, Carbohydrates, Ash, Dietary fiber, Vitamins & Minerals), Use of GC, HPLC, LC-MS, GC-MS, ICP-MS, Spectrophotometer, Spectrofluorimeter and atomic absorption spectrophotometers (AAS)

UNIT 2: ADVANCES IN NUTRITION

Chemistry and mechanism of action of vitamins, minerals, lipids, proteins, fats carbohydrates, phytochemicals and hormones, *advances* in metabolism related to all nutrients including water and fibre – food and drug interaction – toxicants in foods – insecticides, heavy metals, carcinogens and natural toxicants – application of biotechnology to nutrition and xenobiotic.

UNIT 3: THERAPEUTIC NUTRITION

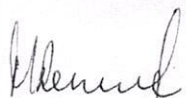
Formulation of therapeutic diets – problems and factors affecting the formulation of therapeutic diets methods of feeding – total parenteral nutrition-etiology manifestation and dietary treatment in the disorders of gastrointestinal tract, kidney, cardiovascular system, inborn errors of metabolism, metabolic disorders, diabetes, hypertension and obesity- nutrition in surgical conditions, fevers, infections, burns, allergy and for alcoholics diet counseling, Geriatric nutrition-metabolism diet.

UNIT 4: COMMUNITY NUTRITION

Study of national nutritional problems – maldistribution and failure of establishment-implications for agricultural strategy, impact of population explosion and food availability – food demand of groups at risk of malnutrition – food crisis, security system – Health and nutrition policy, strategies, outcome. Nutrition surveillance – methods – utility. Nutrition programme – planning, execution, evaluation.

UNIT 5: ADVANCES IN CLINICAL NUTRITION

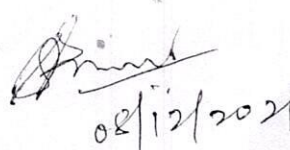
Designing Research in Clinical Practice, Bioethics in Clinical Nutrition, Nutritional Requirement for Extreme Environments, Epigenetics and Nutritional Genomics, Functional Nutrition in Neurological Health, Medical Nutrition Therapy in Arthritis and Osteoporosis, Cancer; Nutritional management in critical care, Immunonutrition, Nutritional Epidemiology



Chairperson

Dept. of Food Processing & Nutrition
Akkamahadevi Women's University


8/12/21


08/12/2021



**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,
VIJAYAPURA
DEPARTMENT OF FOOD PROCESSING AND NUTRITION
CHOICE BASED CREDIT SYSTEM (CBCS) FOR M.Sc. FOOD PROCESSING AND
NUTRITION
(COMMENCING FROM THE ACADEMIC YEAR 2019-20)**

COURSE	TITLE OF THE PAPER	LTP	Hrs. of teaching / Week	Credits	Max. Marks	I.A.		Final Exam	
						C ₁	C ₂	Duration	Max. Marks
1ST SEMESTER									
Hard Core Programmes (Theory and Practical)									
FPN-HCT 1.1	Food Biochemistry	4 0 0	04	04	100	15	15	3 Hrs	70
FPN-HCT 1.2	Fundamentals of Human Physiology	4 0 0	04	04	100	15	15	3 Hrs	70
FPN-HCT 1.3	Principles of Human Nutrition	4 0 0	04	04	100	15	15	3 Hrs	70
FPN-HCP 1.4	Practical based on FPN-HCT 1.1 and FPN-HCT 1.2	0 1 3	08	04	100	15	15	4 Hrs	70
FPN-HCP 1.5	Practical based on FPN – HCT 1.3 and FPN - SCT 1.6.1	0 1 3	08	04	100	15	15	4 Hrs	70
Soft Core Programmes (Theory) Elective(Any one)									
FPN-SCT 1.6.1	Technical Writing Skills	4 0 0	04	04	100	15	15	3 Hrs	70
FPN-SCT 1.6.2	Nutrition and Physical Fitness	4 0 0	04	04	100	15	15	3 Hrs	70
FPN-SCT 1.6.3	Unit Operations in Food Industries	4 0 0	04	04	100	15	15	3 Hrs	70
Open Elective Programmes (For Other Dept.)									
FPN-OET:1.7	Subject should be opted from Women's studies dept.	---	04	04	100	15	15	3 Hrs	70
Total			36	28	700				

IIND SEMESTER									
Hard Core Programmes (Theory and Practical)									
FPN-HCT 2.1	Food Processing	4 0 0	04	04	100	15	15	3 Hrs	70
FPN-HCT 2.2	Food Analysis	4 0 0	04	04	100	15	15	3 Hrs	70
FPN-HCT 2.3	Food and Industrial Microbiology	4 0 0	04	04	100	15	15	3 Hrs	70
FPN-HCP 2.4	Practical based on FPN-HCT 2.1 and FPN-HCT 2.2	0 1 3	08	04	100	15	15	4 Hrs	70
FPN-HCP 2.5	Practical based on FPN-HCT 2.3 and FPN-SCT 2.6.1/2.6.2	0 1 3	08	04	100	15	15	4 Hrs	70
Soft Core Programmes (Theory)- Elective(Any one)									
FPN-SCT 2.6.1	Food Product Development	2 2 0	04	04	100	15	15	3 Hrs	70
FPN-SCT 2.6.2	Maternal and Child Nutrition	2 2 0	04	04	100	15	15	3 Hrs	70
FPN-SCT 2.6.3	Food Packaging Technology	2 2 0	04	04	100	15	15	3 Hrs	70
Open Elective Programmes (For Other Dept.)									
FPN-OET:2.7	Subject should be opted from Women's studies dept.	---	04	04	100	15	15	3 Hrs	70
Total			36	28	700				

IIIRD SEMESTER									
Hard Core Programmes (Theory and Practical)									
FPN-HCT 3.1	Clinical Nutrition	4 0 0	04	04	100	15	15	3 Hrs	70
FPN-HCT 3.2	Public Health Nutrition	4 0 0	04	04	100	15	15	3 Hrs	70
FPN-HCT 3.3	Nutraceuticals and Functional Foods	4 0 0	04	04	100	15	15	3 Hrs	70
FPN-HCP 3.4	Practical based on FPN-HCT 3.1 and FPN-HCT 3.2	0 1 3	08	04	100	15	15	4 Hrs	70
Soft Core Programmes Elective(Any one)									
FPN-SCP 3.5.1	Food Service Management	0 1 3	08	04	100	15	15	4 Hrs	70
FPN-SCT 3.5.2	Food Fortification and Enzyme Processing	3 1 0	04	04	100	15	15	3 Hrs	70
FPN-SCT 3.5.3	Nutrition Education and Counselling	3 1 0	04	04	100	15	15	3 Hrs	70
Open Elective Programmes (For Other Dept.)									
FPN-OET:3.6	Nutrition and Healthy Lifestyle	3 1 0	04	04	100	15	15	3 Hrs	70
Total			28	24	600				

IV TH SEMESTER									
Hard Core Programmes (Theory, Practical and Dissertation)									
FPN-HCT 4.1	Diet Designing in Diseases	4 0 0	04	04	100	15	15	3 Hrs	70
FPN-HCP 4.2	Practical based on FPN-HCT 4.1 and FPN-SCT 4.4.1	0 1 3	08	04	100	15	15	4 Hrs	70
FPN-HCP 4.3	Dissertation	0 0 4	08	04	100	15	15	3 Hrs	70
Soft Core Programmes (Theory) Elective(Any one)									
FPN-SCT 4.4.1	Food Quality, Safety and Certification	2 2 0	04	04	100	15	15	3 Hrs	70
FPN-SCT 4.4.2	Food Additives	2 2 0	04	04	100	15	15	3 Hrs	70
FPN-SCT 4.4.3	Food Toxicology	2 2 0	04	04	100	15	15	3 Hrs	70
Open Elective Programmes (For Other Dept.)									
FPN-OET:4.5	Indian Traditional Foods	3 1 0	04	04	100	15	15	3 Hrs	70
	Total		28	20	500				
Grand Total (I+II+III+IV Semester)				100	2500				

Note:

- FPN – SCP 3.5.1, Food Service Management is evaluated entirely as practical component.
- Total number of credits for M.Sc. course (4 Semesters) is 100 and maximum marks are 2500.