



# kkamahadevi Women's University Vijayapur

B.O.S Meeting held on 16<sup>th</sup> Augest 2017 at Dept of Zoology AWU Vijayapur.

## Meeting Agend

1. Revising the syllabus of all the theory papers of I to IV semester
2. Preparation of Panel of examiners.
3. Preparation of question paper Pattern for theory examination.

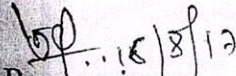
## Proceedings of the BOS meeting

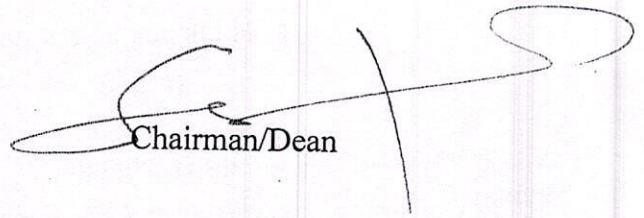
The BOS members read the syllabus and incorporated few corrections in paper 3.1: Animal Physiology, paper 4.2: parasitology, paper 3.3: Environmental Biology, and Prepared for M.Sc. Zoology Course for academic year 2017-18.

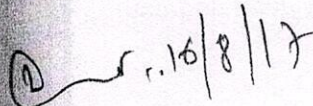
Prepaerd Panel of Examiners and approved for the year 2017-18.

Prepared the question paper pattern for theory examination and approved.

### Member Present:

  
S. Basavarajappa

  
Chairman/Dean

  
Convener

Dr. Babu. R.L )

- (1) List of student who undergone for project - 19-20/20-21/21-22
- (2) Dissertation Certificate 19-20



# Kkamahadevi Women's University Vijayapur

B.O.S Meeting held on 16<sup>th</sup> August 2017 at Dept of Zoology AWU Vijayapur.



## Meeting Agend

1. Revising the syllabus of all the theory papers of I to IV semester
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## Proceedings of the BOS meeting

The BOS members read the syllabus and incorporated few corrections in paper 3.1: Animal Physiology, paper 4.2: parasitology, paper 3.3: Environmental Biology, and Prepared for M.Sc. Zoology Course for academic year 2017-18.  
Prepared Panel of Examiners and approved for the year 2017-18.  
Prepared the question paper pattern for theory examination and approved.

Member Present:

S. Basavarajappa  
16/8/17

16/8/17

Conver  
Dr. Babu. R.L )

Chairman/Dean

16/8





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**AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA**  
(Formerly: KARNATAKA STATE WOMEN'S UNIVERSITY)

Proceedings of the B.O.S Meeting held on 26<sup>th</sup> May 2018 at Dept. of Zoology,  
AWU, Vijaypur.

**Agenda**

1. Revising the Syllabus of all the theory papers of I to IV semesters.
2. Preparation of panel of examiners.
3. Preparation of question paper pattern for theory and practical examination.

**Resolution**

1. The BOS chairman formally invited all the members. The members read the syllabus and incorporated few corrections in papers. The syllabus was amended as per other program in science faculty to have uniformity in terms of credits and marks.
2. Prepared Panel of Examiners and approved for the year 2018-19.
3. Prepared the question paper pattern for theory and practical examination and approved.

**Member Present:**

Prof.B.B.Hosetti

Chairman/Dean

Dr.S.Basavarajappa

After reading the entire syllabus pattern designed to M.Sc. Zoology programme the committee opined the following.

1. The present curriculum is heavy load for both teachers and learners
2. There is need to shorten the same by offering only two open elective theory (OET) at II and III semesters. There is no need of OET at I and IV semester levels.
3. There is need to assign minimum Rs.-50,000/- for study tour/field visits in III semester for Zoology program.

**Members absent**

1. Prof. P Mahaboob Basha

2. Dr. J.L. Rathod



C-2



**ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಹಿಳಾ ವಿಶ್ವವಿದ್ಯಾಲಯ, ವಿಜಯಪುರ.**

ಫಲಸಚಿವರ ಕಛೇರಿ ದೂರವಾಣಿ: 08352-229051, Fax: 229057

Web Site: www.kswu.ac.in

ನಂ.:ಕರಾಮವಿವಿ/ಶೈವಿ/ಅಮ-4/2016-17/1491

ದಿನಾಂಕ: 25-08-2016

ಅಧಿಸೂಚನೆ

ವಿಷಯ: ಸ್ನಾತಕೋತ್ತರ ಪ್ರಾಣಿಶಾಸ್ತ್ರ (Zoology) ಅಧ್ಯಯನ ಮಂಡಳಿ (BOS) ರಚಿಸುವ ಕುರಿತು.  
ಉಲ್ಲೇಖ: 1) ಸಿಂಡಿಕೇಟ್ ಸಭೆಯ ನಡವಳಿಯ ಅನುಮೋದನೆ ಸಂ:(01/92) ದಿನಾಂಕ:16.07.2016  
2) ಮಾನ್ಯ ಕುಲಪತಿಗಳ ಅನುಮೋದನೆ ದಿನಾಂಕ: 23-08-2016

ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯಗಳ ಅಧಿನಿಯಮ 2000 ಪ್ರಕರಣ 33 (2), 40 (1) ರ ಪ್ರಕಾರ ಸ್ನಾತಕೋತ್ತರ ಪ್ರಾಣಿಶಾಸ್ತ್ರ (Zoology) ಅಧ್ಯಯನ ಮಂಡಳಿಯನ್ನು (BOS) ಮಾನ್ಯ ಕುಲಪತಿಗಳ ಅನುಮೋದನೆ ದಿನಾಂಕದಿಂದ ಮೂರು ವರ್ಷಗಳ ಅವಧಿಯವರೆಗೆ ಈ ಕೆಳಗಿನಂತೆ ನಾಮನಿರ್ದೇಶನ ಮಾಡಿ ಅಧಿಸೂಚನೆ ಹೊರಡಿಸಲಾಗಿದೆ.

ಅಧ್ಯಕ್ಷರು

1. ಪ್ರೊ. ಎಸ್.ವಿ.ಹಲಸೆ, ಪ್ರಾಧ್ಯಾಪಕರು, ಇಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಅಧ್ಯಯನ ವಿಭಾಗ, ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಹಿಳಾ ವಿಶ್ವವಿದ್ಯಾಲಯ, ವಿಜಯಪುರ

ಸದಸ್ಯರು

- 2. ಪ್ರೊ. ಬಿ.ಬಿ. ಹೊಸೆಟ್ಟಿ, ಪ್ರಾಧ್ಯಾಪಕರು, ಪ್ರಾಣಿಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ವಿಭಾಗ, ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ, ಶಂಕರಘಟ್ಟ, ಶಿವಮೊಗ್ಗ
- 3. ಪ್ರೊ. ಪಿ. ಮೆಹಬೂಬ್ ಬಾಷಾ, ಪ್ರಾಧ್ಯಾಪಕರು, ಪ್ರಾಣಿಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ವಿಭಾಗ, ಬೆಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಂಗಳೂರು
- 4. ಡಾ. ಬಸವರಾಜಪ್ಪ, ಎಸ್, ಸಹ ಪ್ರಾಧ್ಯಾಪಕರು, ಪ್ರಾಣಿಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ವಿಭಾಗ, ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾಲಯ, ಮೈಸೂರು
- 5. ಡಾ. ಜಿ.ಎಲ್. ರಾಠೋಡ, ಸಹ ಪ್ರಾಧ್ಯಾಪಕರು, ಕೆ.ಯು.ಪಿ.ಜಿ ಸೆಂಟರ್, ಕೊಡಗು, ಕಾರವಾರ

*[Handwritten signature]*

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ಕುಲಸಚಿವರು

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಹಿಳಾ ವಿಶ್ವವಿದ್ಯಾಲಯ, ವಿಜಯಪುರ

ಗೆ,  
ಮೇಲ್ಕಂಡ ಅಧ್ಯಯನ ಮಂಡಳಿ ಅಧ್ಯಕ್ಷರು ಹಾಗೂ ಸದಸ್ಯರುಗಳಿಗೆ.  
ಪತಿಗಳು:

- 1. ಕುಲಸಚಿವರು (ಮೌಲ್ಯಮಾಪನ), ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಹಿಳಾ ವಿಶ್ವವಿದ್ಯಾಲಯ, ವಿಜಯಪುರ
- 2. ಸಂಯೋಜಕರು, ಪ್ರಾಣಿಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ವಿಭಾಗ, ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಹಿಳಾ ವಿಶ್ವವಿದ್ಯಾಲಯ, ವಿಜಯಪುರ
- 3. ಹಣಕಾಸು ಅಧಿಕಾರಿಗಳು, ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಹಿಳಾ ವಿಶ್ವವಿದ್ಯಾಲಯ, ವಿಜಯಪುರ



C-1

**Proceedings of the Board of Studies (BOS) meeting**

The Proceedings of the meeting of the Board of Studies (BOS) in Zoology was held on 31<sup>st</sup> March, 2019 at 10.00 am to amend the Choice Based Credit System (CBCS) Syllabus for M. Sc. Zoology programme for the Academic year 2019 onwards. The Chairman of the BOS formally invited the board members and then discussed on the syllabus. Necessary rearrangements in the scheme of IV semester was made and enclosed.

**Members Present:**

- |                         |                   |
|-------------------------|-------------------|
| 1. Prof. B. B. Hosetti  | Chairman, BOS     |
| 2. Dr. S. Basavarajappa | Member            |
| 3. Prof. Madagi S. B.   | Chairman/Convener |

**Signature**

**Members absent**

1. Prof. Basha M.
2. Enclosure: Rearrangement in the M. Sc. Zoology IV Semester syllabus Scheme.

It include two Hard cores and one major Project equivalent to one Hard core and no soft core.

**Co-ordinator**  
**Department of Zoology**  
**Akkamahadevi Women's University, VIJAYAPURA**





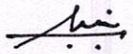
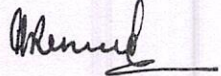
**KARNATAKASTATEAKKAMAHADEVIVOMEN'SUNIVERSITY, VIJAYAPURA**  
(Formerly: Karnataka State Women's University)  
Jnanashakti Campus Toravi, Vijayapura-586108  
**DEPARTMENT OF ZOOLOGY**

Date: 20/07/2020

**BoS (PG) Zoology**

Proceedings of the meeting of BoS (PG) in Zoology subject held through circulation from 20-07-2020 to 27-07-2020.

**The members present**

- |  |        |   |
|--|--------|---|
| 1. Dr. G.G.Rajput, Dean, Faculty of Science and Technology, KSAWUV | Member |  |
| 2. Dr. Yenkanchi, Kolhapur University                              | Member |   |
| 3. Dr. Saraswati B. Patil, Professor, Vijayapura                   | Member |   |
| 4. Dr. Renuka Meti, Coordinator, Dept. of Zoology, KSAWUV,         | Member |  |

**Agenda 1:** Review of the existing syllabus under CBCS scheme for corrections (Credits, title and content modification enclosed). Correction of practical course marks (existing 50 marks to 100 marks as per CBCS scheme)

**Resolution:** The board reviewed the existing M.Sc. (Zoology) I-IV semester syllabus. The board made necessary changes/corrections in text, credit allocation, and marks for practical course. The board also resolved to approve the updated M.Sc (Zoology) syllabus w.e.f. 2020-21 and onwards.

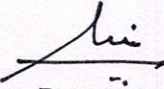
**Agenda 2:** Modification of question paper pattern for M.Sc. Zoology practical (I to IV Sem) examination as per the CBCS pattern.

**Resolution:** The board revised that marks for practical course and also revised question paper pattern for practical examination.

**Agenda 3:** Approval of panel of Examiners for the year 2020-21

**Resolution:** The board prepared and approved the panel of Examiners for the year 2020-21

(Dr. G.G.Rajput)

  
Chairman, BoS (PG) in Zoology

DEAN  
Faculty of Science and Technology  
Karnataka State  
Akkamahadevi Women's University,  
Vijayapura-586108.





2020-21

**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA**  
(Formerly: Karnataka State Women's University, Vijayapura)  
Jnanashakti Campus, Toravi, Vijayapura - 586 108  
**DEPARTMENT OF ZOOLOGY**


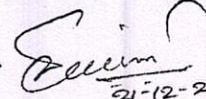
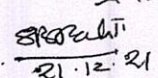
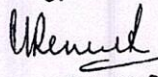
Date: 21-12-2021

**BOS (PG) ZOOLOGY**

Proceedings of the meeting of BOS (PG) in Zoology subject held through circulation on 21-12-2021.

**The members Present**

1. Prof. Aziz Makandar, Dean, Faculty of science and Technology, KSAWUV
2. Prof. S. R. Yankanchi, Shivaji University, Kolhapur
3. Prof. Saraswati B. Patil, Rtd Professor, Gulbarga University, Kalaburgi  
(Residing at Vijayapura)
4. Dr. Renuka Meti, Coordinator, Dept. of Zoology, KSAWUV

Chairman   
Member   
Member   
Member 

**Agenda 1:** Review of the existing syllabus under CBCS scheme for corrections (credits, title and content modification enclosed). Correction of practical course marks (existing 50 marks 100 marks as per CBCS scheme).


**Resolution:** The board reviewed the existing M.Sc. (Zoology) I-IV semester syllabus. The board made necessary changes /corrections in text, credit allocation, and marks for practical course. The board also resolved to approve the updated M. Sc. (Zoology) syllabus w. e. f 2020-21 and onwards.

**Agenda 2:** Modification of question paper pattern for M.Sc. Zoology practical (I to IV Semester) examination as per the CBCS pattern.

**Resolution:** The board revised that marks for practical course and also revised question pattern for practical examination.

**Agenda 3:** Approval of panel of Examiners for the year 2021-22.

**Resolution:** The board prepared and approved the panel of Examiners for the year 2021-22.

  
(Dr. Aziz Makandar)  
Chairman, BOS (PG) in Zoology

**DEAN**  
Faculty of Science and Technology  
Karnataka State  
Akkamahadevi Women's University  
Vijayapura-586108.



2021-22



**Karnataka State Akkamahadevi Women's University, Toravi,  
Vijayapura**

**DEPARTMENT OF ZOOLOGY**

**Proceedings of the Board of Studies (BOS)**

The BOS meeting was held in the coordinator's chamber on 12/08/2022 from 11:00 am.

The following members were present:

- |   |             |
|---|-------------|
| 1. Prof Aziz Makandar, Dean, Faculty of science and Technology, KSAWUV    | Chairperson |
| 2. Prof.S.R. Yakanchi, Shivaji University, Kolhapur                       | Member      |
| 3. Prof.Saraswati B. Patil, Rtd Professor, Gulbarga University, Kalaburgi | Member      |
| 4. Dr. Renuka Meti, Coordinator, Dept of Zoology, KSAWUV                  | Member      |

1. Item 1: Revision of the PG syllabus in Zoology with effect from the academic year 2022-23.

**Preamble:** The syllabus for MSc in Zoology was revised during 2018-19 along with enforcement of common regulations for P G programs. The syllabus had to be revised during 2021-22 itself. But owing to Post-Covid issues, the syllabus is being revised this year keeping in view the stakeholders feedback, employer's expectations, and trends in the discipline. Hence the following resolutions are drawn.

**Resolution 1:** Resolved to accept the feedback received from stakeholders and recommend the following actions to be taken.



- A. Addition of new courses like

**OET 1.8 : Environmental Biology**

**OET 2.9: Vectors and communicable diseases**

- B. Modifications/Deletions owing to canon of currency

The Units from all the courses were revised to four Units in each course with total of 52hours and a maximum of 05% revision.

The title of the paper **4.2 Applied Animal Biotechnology was modified to Animal Biotechnology.**

**Resolution 2:** Resolved to recommend accepting the revised curriculum highlighting local, regional, national and global developmental needs reflected in Graduate attributes, POs, PSOs and COs. (Revised portion is highlighted by highlighter).

**Resolution 3:** Resolved to recommend the following courses having focus on employability/entrepreneurship/skill development.

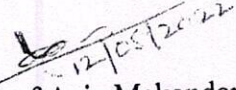
- A. Economic Zoology
- B. Basic and applied Entomology
- C. Animal Biotechnology
- D. Reproductive Biology and Endocrinology

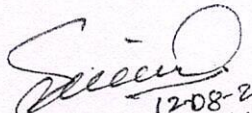
**Resolution 4:** Resolved to recommend accepting the following courses that address issues relevant to professional ethics, gender, human values, environment and sustainability.

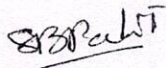
- A. Environmental Biology
- B. Applied Animal Biotechnology
- C. Animal Systematics


**Resolution 5:** Resolved to recommend the following value added course

- A. Aquaculture
- B. Sericulture
- C. Vermiculture

  
12/08/2022  
Prof Aziz Makandar,  
Dean,  
Faculty of science  
and Technology,  
KSAWUV

  
12-08-22  
Prof.S.R.Yankanchi  
Shivaji University  
Kolhapur

  
Prof.Saraswati B. Patil  
Rtd Professor,  
Gulbarga University

  
Dr. Renuka Meti  
Co-Ordinator  
Dept. of Zoology  
KSAWUV



**Akkamahadevi Women's University, Vijayapur**  
**M.Sc. Zoology Choice Based Credit System (CBCS) Syllabus**  
**CORE SUBJECT: ZOOLOGY – [Post Graduate]**  
**Scheme of M.Sc Zoology Programme**

Course code	Course name	Credits			Marks									Remark		
		L	T	P	C1			C2			C3				Total	
					L	T	P	L	T	P	L	T	P			
<b>Semester I</b>																
HCT-1.1	Animal systematics	04		04	15		15		70					100		
HCT-1.2	Biology of Non-chordates	04		04	15		15		70					100		
HCT-1.3	Cell and Molecular Biology	04		04	15		15		70					100		
SCT-1.4	a. Basic and Applied Entomology (optional) b. Biodiversity (optional) c. Vectors and Communicable diseases (optional)	04		04	15		15		70					100		
HCP-1.5	Animal Systematics based on HCT-1.1			02	02		07		07					36	50	
HCP-1.6	Biology of Non-chordates practical based on HCT-1.2			02	02		07		07					36	50	
HCP-1.7	Cell and Molecular Biology practical based on HCT-1.3			02	02		07		07					36	50	
HCP-1.8	Based on the SCT-1.4 a/b/c			02	02		07		07					36	50	
O.E -1.8	Offered by Dept. of women's studies	04		04	15		15		70					100		
	<b>Total</b>	<b>20</b>		<b>08</b>	<b>28</b>		<b>28</b>		<b>28</b>		<b>75</b>		<b>28</b>	<b>350</b>	<b>144</b>	<b>700</b>
<b>Semester II</b>																
HCT-2.1	Biology of Chordates	04		04	15		15		70					100		
HCT-2.2	Molecular Genetics	04		04	15		15		70					100		
HCT-2.3	Developmental Biology	04		04	15		15		70					100		
SCT-2.4	a. Economic Zoology (optional) b. Wildlife and Conservation (optional) c. Ornithology (optional)	04		04	15		15		70					100		
HCP-2.5	Biology of Chordates practical based on HCT-2.1			02	02		07		07					36	50	
HCP-2.6	Molecular Genetics practical based on HCT-2.2			02	02		07		07					36	50	
HCP-2.7	Developmental Biology practical based on HCT-2.3			02	02		07		07					36	50	
HCP-2.8	Based on SCT-2.4 a/b/c			02	02		07		07					36	50	
OE-2.9	Offered by dept. Of women's studies	04		04	15		15		70					100		
	<b>Total</b>	<b>20</b>		<b>08</b>	<b>28</b>		<b>28</b>		<b>28</b>		<b>75</b>		<b>28</b>	<b>350</b>	<b>144</b>	<b>700</b>



<b>Semester III</b>												
HCT-3.1	Animal Physiology	04		04	15		15		70			100
HCT-3.2	Reproductive Biology and Endocrinology	04		04	15		15		70			100
SCT-3.3	a. Animal behavior (optional)	04		04	15		15		70			100
	b. Microbiology (optional)											
	c. Toxicology (optional)											
HCP-3.4	Animal Physiology practical based on HCT-3.1		02	02		07		07			36	50
HCP-3.5	Reproductive Biology and Endocrinology practical based on HCT-3.2		02	02		07		07			36	50
HCP-3.6	Report submission on filed visit and slide preparation		02	02		07		07			36	50
HCP-3.7	Based on SCT-3.4 a/b/c		02	02								50
OE-3.8	Parasitology	04		04	15		15		70			100
	<b>Total</b>	<b>16</b>	<b>06</b>	<b>24</b>	<b>75</b>	<b>21</b>	<b>75</b>	<b>21</b>	<b>350</b>	<b>21</b>	<b>108</b>	<b>600</b>
<b>Semester IV</b>												
HCT-4.1	Environmental Biology	04		04	15		15		70			100
HCP-4.2	Project work and submission of Dissertation		06	06		25		25	100			150
SCT-4.3	a. Evolutionary Biology (optional)	04		04	15		15		70			100
	b. Bioinformatics and Biostatistics (optional)											
	c. Animal Biotechnology (optional)											
HCP-4.4	Environmental Biology practical based on HCT-4.2		02	02		7		7			36	50
O.E-4.5	Applied Zoology	04		04	15		15		70			100
	<b>Total</b>	<b>12</b>	<b>08</b>	<b>20</b>	<b>45</b>	<b>32</b>	<b>45</b>	<b>32</b>	<b>310</b>	<b>32</b>	<b>36</b>	<b>500</b>
	<b>Programme total</b>											<b>2500</b>

L-  
Lecture,

T- Tutorial, P- Practical.

HCT- Hard Core Theory, SCT- Soft Core Theory, OE- Open Elective, HCP- Hard Core Practical, SCP- Soft Core Practical.

HCPW- Hard Core Project Work/Dissertation.

\*The project evaluation marks 150 are a total of 70 marks for presentation and viva voce and 50 marks for internal assessment.