

ITEM No.(1.01)

PG COURSES – SYLLABUS – Approval of Revised scheme & syllabus of M.Sc. Zoology (I, II, III & IV Semesters) under CBCS pattern for the academic year 2021-2022 – Submission for ratification.

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It is to submit that as per the decision taken by the University the Chairman, Board of Studies in Zoology, Kakatiya University through his letter dated 23/12/2021 has submitted the revised Scheme and syllabus of M.Sc. Zoology (I, II, III & IV Semesters) Course under CBCS pattern duly approved by the Board of Studies in Zoology and recommended by the Dean, Faculty of Science, KU for implementation to the students seek admission in to I year course for the academic year 2021-2022.

Keeping in view of the urgency of the commencement of class work, the Vice-Chancellor in anticipation of approval by the Standing Committee of the Academic Senate has accorded approval for the revised scheme and syllabus of M.Sc. Zoology (I, II, III & IV Semesters) Course under CBCS pattern as recommended by the Board of Studies in Zoology for implementation to the students seek admission into the I year course for the academic year 2021-2022 onwards.

Therefore, the matter is placed before the Standing Committee of the Academic Senate for examination and ratification.

DRAFT RESOLUTIONS

Resolved to ratify the action taken by the Vice-Chancellor in implementing the revised scheme and syllabus of M.Sc. Zoology (I, II, III & IV Semesters) Course under CBCS pattern for the students admitted to the I year course for the academic year 2021-2022



OFFICE OF THE REGISTRAR
KAKATIYA UNIVERSITY
WARANGAL - 506009

Phones: 0870 2438866, Mobile: (+91) 9849171737, E-mail: registrar@kakatiya.ac.in

No. 15 /B3/KU/2022

Date: 06 - 01 - 2022

To
All the Principals of University/
Constituent/ Affiliated / Private Aided Colleges
Kakatiya University, Warangal

Sub: PG COURSES – SYLLABUS – Revised scheme & syllabus of M.Sc.
Zoology (I, II, III & IV Semesters) under CBCS pattern for the
academic year 2021-2022 – Implementation of – Regarding.

Ref: Letter No. nil dated 23/12/2021 of the Chairperson, Board of Studies in
Zoology, KU duly recommended by the Board of Studies.

~!~

Sir,

I am to inform you that the Chairman, Board of Studies in Zoology, Kakatiya University through his letter under reference cited has communicated the revised Scheme and syllabus of M.Sc. Zoology (I, II, III & IV Semesters) Course under CBCS pattern duly approved by the Board of Studies in Zoology for implementation to the students seek admission in to I year course for the academic year 2021-2022

Keeping in view of the urgency of the commencement of class work, the Vice- Chancellor in anticipation of approval by the Standing Committee of the Academic Senate has accorded approval for the revised scheme and syllabus of M.Sc. Zoology (I, II, III & IV Semesters) Course under CBCS pattern as recommended by the Board of Studies in Zoology for implementation to the students seek admission into the I year course for the academic year 2021-2022 onwards.

The same scheme and syllabus of the course shall be placed on the KU Website. kakatiya.ac.in

As such you are hereby informed to bring it to the notice of the students and staff concerned and initiate action accordingly.

Yours faithfully,


REGISTRAR

Copy to:-

- 1) The Dean, Faculty of Science, KU
- 2) The Head Dept. of Zoology, KU
- 3) The Chairperson, Board of Studies in Zoology, KU
- 4) The Controller of Examinations, KU
- 5) The Additional Controller of Exams (P.G.)/ Confidential
- 6) The SF

Dr. Y. Venkaiah
M.Sc., Ph.D.
Chairperson, Board of Studies &
Associate Professor of Zoology



KAKATIYA UNIVERSITY
Accredited with 'A' Grade by NAAC
Vidyaranyaपुरi, WARANGAL - 506 009
Telangana - INDIA

(+91) 0870 2438600 (Off), Mobile: 9849848705, email : venkaiah_yanamala@rediffmail.com

Date: 23-12-2021

To

The Registrar,
Kakatiya University,
Hanmakonda-506009 TS

Sub: Chairperson Board of Studies in Zoology – Kakatiya University –
Submission of revised Syllabus for M.Sc Course in Zoology (with
effect from academic year 2021-22 Under CBCS system).

** @ **

Sir,

I am herewith submitting the revised Syllabus for M.Sc Course in
Zoology (with effect from academic year 2021-22 Under CBCS system) which
was approved by the Board of Studies in Zoology (PG) meeting was held on 23-
12-2021 and The Minutes of the meeting of the Board of Studies in Zoology
(PG) and revised syllabus are attached herewith for your kind perusal.

Thanking you

Yours sincerely


(Dr. Y. VENKAIAH)

Chairman, Board of Studies in Zoology

Kakatiya University
Dr. Y. VENKAIAH

M.Sc; Ph.D.
Chairperson Board of Studies
Dept. of Zoology
Kakatiya University
WARANGAL - 506 009, T.S.

Enclosures:

- 1) Minutes of the Meeting of the BOS in Zoology
- 2) Revised Syllabus of M.Sc. Zoology

Minutes of the Meeting of the Board of Studies in Zoology (PG)

Held On: 23-12-2021

Members Present;

- | | |
|----------------------------|--------------|
| 1. Dr Y. Venkaiah | Chairman |
| 2. Dr. Estari Mamidala | HOD |
| 3. G. Shamitha | Member |
| 4. Dr. E. Narayana | Member |
| 5. Prof. Rajashekhar - A.V | Member (Ext) |
| 6. Prof. M. Madhavi | Member (Ext) |

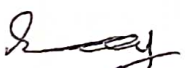
Resolutions:

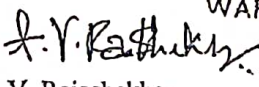
1. Resolved to approve the Syllabus for M.Sc Course in Zoology (with effect from academic year 2021-22 under CBCS system).

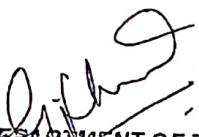
Chairperson
BOS in Zoology
Dr. Y. VENKAIAH
M.Sc; i
Chairperson Board of Stu.
Dept. of Zoology
Kakatiya University
WARANGAL - 506 009, T.S.

Enclosures:

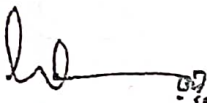
1. Syllabus for M.Sc Course in Zoology


Dr. Estari Mamidala
HEAD
Department Of Zoology
University College
Kakatiya University,
WARANGAL.-506009(T.S)


Prof. A.V. Rajashekhar
Associate Professor
Department of Zoology
University College of Science
Osmania University,
Hyderabad-500007, T.S.


DEPARTMENT OF ZOOLOGY
University College
Kakatiya University,
WARANGAL - 506009 (T.S)


Prof. M. Madhavi


Dr. E. Narayana
DEPARTMENT OF ZOOLOGY
University College
Kakatiya University,
WARANGAL.-506009(T.S)

PROFESSOR
Department of Zoology
UCS, Osmania University,
Hyderabad - 500 007,

KAKATIYA UNIVERSITY, DEPARTMENT OF ZOOLOGY
(With effect from the academic year 2021-22 Under CBCS system)

S.No	Paper Code	Title of the Paper	Instruction Hrs/Week	No. of Credits	Marks		Total Marks
					External	Internal	
SEMESTER-I							
1	101	Biosystematics, Structure & Function Of Invertebrates	4	4	80	20	100
2	102	Tools and Techniques in Biology	4	4	80	20	100
3	103	Animal Physiology and Ethology	4	4	80	20	100
4	104	Genetics and Evolution	4	4	80	20	100
5	105	Practical-I	4	4	100	--	100
6	106	Practical-II	4	4	100	--	100
7	107	Seminar	--	1	--	25	25
		Total		25	520	105	625
SEMESTER-II							
1	201	Structure and Function of Vertebrates	4	4	80	20	100
2	202	Environmental Biology	4	4	80	20	100
3	203	Biochemistry	4	4	80	20	100
4	204	Biostatistics and Computer Applications	4	4	80	20	100
5	205	Practical-I	4	4	100	--	100
6	206	Practical-II	4	4	100	--	100
7	207	Seminar	--	1	--	25	25
		Total		25	520	105	625

revised & recommended

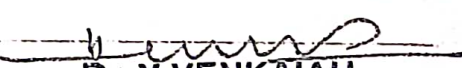
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Chairperson Board of Studies
Dept. of Zoology
Kakatiya University
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S.No	Paper Code	Title of the Paper	Instruction Hrs/Week	No. of Credits	Marks		Total Marks
					External	Internal	
SEMESTER-III							
1	301	Molecular Biology	4	4	80	20	100
2	302	Immunology	4	4	80	20	100
3	303	Subject Elective – I Parasitology (OR) Subject Elective – II Clinical Science	4	4	80	20	100
4	304	Subject Elective – III Endocrinology & Reproductive Physiology (OR) Subject Elective – IV Bioinformatics	4	4	80	20	100
5	305	Practical – I	4	4	100	--	100
6	306	Practical – II	4	4	100	--	100
7	307	Seminar	--	1	--	25	25
		Total		25	520	105	625
SEMESTER-IV							
1	401	Cell Biology	4	4	80	20	100
2	402	Developmental Biology	4	4	80	20	100
3	403	Subject Elective – I Fisheries And Aquaculture (OR) Subject Elective – II Neurophysiology	4	4	80	20	100
4	404	Subject Elective – III Animal Biotechnology (OR) Subject Elective – IV Entomology	4	4	80	20	100
5	305	Practical – I	4	4	100	--	100
6	406	Practical – II	4	4	100	--	100
7	407	Seminar	--	1	--	25	25
		Total		25	520	105	625
GRAND TOTAL (Sem I+II+III+IV)				100	2080	420	2500

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