

**Item No. (37.02.04)**

PG COURSES – SYLLABUS – Approval of revised syllabus of M.Sc. Microbiology (I, & II Semesters) under CBCS pattern for the academic year 2021-2022 – Submission for ratification  
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**RESOLUTION ADOPTED AT THE FIRST MEETING OF THE STANDING COMMITTEE OF THE  
ACADEMIC SENATE HELD ON 3<sup>RD</sup> FEBRUARY 2022.**

RESOLVED to ratify the action taken by the Vice-Chancellor In Implementing the revised scheme and syllabus of M.Sc. Microbiology (I, & II, Semesters) under CBCS pattern for the academic year 2021-2022 and onwards

(The note submitted to the Standing Committee of the Academic Senate enclosed)

ITEM No.(1, 04)

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

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It is to submit that the Chairman, Board of Studies in Microbiology, Kakatiya University through his letter dated 21/12/2021 has communicated the syllabus of M.Sc. Microbiology (I, & II, Semesters) Course under CBCS pattern duly approved by the Board of Studies in Microbiology 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. Microbiology (I, & II, Semesters) Course under CBCS pattern as recommended by the Board of Studies in Microbiology 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. Microbiology (I, & II, Semesters) under CBCS pattern for the academic year 2021-2022 and onwards



OFFICE OF THE REGISTRAR  
KAKATIYA UNIVERSITY  
WARANGAL - 506009

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

No. 39 /B3/KU/2022

Date: 12 - 01 - 2022

To  
All the Principals of University/  
Constituent/ Affiliated / Private Aided Colleges offering M.Sc. Microbiology Course  
Kakatiya University, Warangal

Sub: PG COURSES – SYLLABUS – Syllabus of M.Sc. Microbiology  
(I, & II, Semesters) under CBCS pattern for the academic year 2021-  
2022 – Implementation of – Regarding.

Ref: Letter No. nil dated 21/12/2021 of the Chairperson, Board of Studies in  
Microbiology, KU duly recommended by the Board of Studies.

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Sir,

I am to inform you that the Chairman, Board of Studies in Microbiology, Kakatiya University through his letter under reference cited has communicated the syllabus of M.Sc. Microbiology (I, & II, Semesters) Course under CBCS pattern duly approved by the Board of Studies in Microbiology 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. Microbiology (I, & II, Semesters) Course under CBCS pattern as recommended by the Board of Studies in Microbiology 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 Microbiology, KU
- 3) The Chairperson, Board of Studies in Microbiology, KU
- 4) The Controller of Examinations, KU
- 5) The Additional Controller of Exams (P.G.)/ Confidential
- 6) The SF

**Proposed Syllabus  
For  
M.Sc. MICROBIOLOGY**



*Submitted by*  
**Department of Microbiology  
Kakatiya University  
Warangal - 506 009 (TS)**

**Under Choice Based Credit System  
With effective from 2021-2022  
KAKATIYA UNIVERSITY, WARANGAL-506 009**



## Minutes of the Meeting of Board of Studies in Microbiology

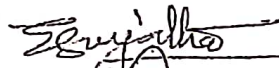
The meeting of board of studies in Microbiology was held on 20/12/2021 at 12.00 pm in the chamber of Head, Department of Microbiology to discuss the following agenda.


The following members were present

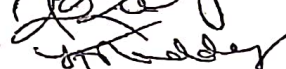
1. Dr. E. Sujatha : Chairman, BOS.
2. Dr. Srinivas Munjam : Head, Department of Microbiology.
3. Dr. P. Venkataiah : Member
4. Prof. Y. Narasimha Reddy : Member  
University college of Phar. Sciences,  
Kakatiya University.
5. Dr. T. Shastree : Member  
Dept. of Biotechnology,  
Kakatiya University.
6. Dr. Y. Venkaiah : Member  
Dept. of Bio-chemistry  
Kakatiya University.


After thorough discussion the following resolution was made

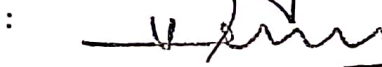
1. Resolved to approve of M.Sc Microbiology Semester wise syllabus (Theory and practical) with effect from the academy year 2021-2022 in all colleges under the jurisdiction of Kakatiya University.


Dr. E. Sujatha : 

Dr. Srinivas Munjam : 

Dr. P. Venkataiah : 

Prof. Y. Narasimha Reddy : 

Dr. T. Shastree : 

Dr. Y. Venkaiah : 

*Forwarded  
and Recommended  
he*



**KAKATIYA UNIVERSITY**  
**M.Sc. Microbiology Syllabus**  
For the candidates admitted from the academic year 2021-2022  
For University College and affiliated colleges

S. No	Paper Code	Title of Paper	Instruction Hours/week	No. of Credits	Marks		Total
					Internal Marks	External Marks	
<b>Semester I</b>							
1	MBT 101	General Microbiology	4	4	20	80	100
2	MBT 102	Virology	4	4	20	80	100
3	MBT 103	Biological Chemistry	4	4	20	80	100
4	MBT 104	Cell biology & Enzymology	4	4	20	80	100
5	MBP 105	General microbiology & Virology	6	4	-	100	100
6	MBP106	Biological chemistry & Cell Biology & Enzymology	6	4	-	100	100
7	MBS 107	Seminar	1	1	-	-	25
		<b>Total</b>		<b>25</b>			<b>625</b>
<b>Semester II</b>							
1	MBT 201	Microbial Physiology & Metabolism	4	4	20	80	100
2	MBT 202	Molecular Biology	4	4	20	80	100
3	MB 205	Advanced Immunology	4	4	20	80	100
4	MBT 204	Biophysical Techniques & Instrumentation	4	4	20	80	100
5	MBP 205	Microbial Physiology & Molecular Biology	6	4	-	100	100
6	MBP 206	Adv. Immunol & Biophy. Tech. & Instrumentation	6	4	-	100	100
7	MBS 207	Seminar	1	1	-	-	25
		<b>Total</b>		<b>25</b>			<b>625</b>

*Signature*

*Signature*

*Signature*

*Signature*