

Item No. (37.02.03)

PG COURSES – SYLLABUS – Approval of Revised scheme & syllabus of M.Sc. Physics (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 3RD FEBRUARY 2022.**

RESOLVED to ratify the action taken by the Vice-Chancellor in implementing the revised scheme and syllabus of M.Sc. Physics (I, & II, Semesters) Course under CBCS pattern as recommended by the Board of Studies for the students admitted to the course for the academic year 2021-2022 onwards.

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

ITEM No.(1. 03)

PG COURSES – SYLLABUS – Approval of Revised scheme & syllabus of M.Sc. Physics (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 Physics, Kakatiya University through his letter 705/phy/Ku/wgl/2021 dated 22/12/2021 has submitted the revised Scheme and syllabus of M.Sc. Physics (I, & II, Semesters) Course under CBCS pattern duly approved by the Board of Studies in Physics 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. Physics (I, & II, Semesters) Course under CBCS pattern as recommended by the Board of Studies in Physics 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. Physics (I, & II, Semesters) Course under CBCS pattern as recommended by the Board of Studies for the students admitted to the course for the academic year 2021-2022 onwards.



OFFICE OF THE REGISTRAR
KAKATIYA UNIVERSITY
WARANGAL - 506009

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

Date: 12 - 01 - 2022

No. 38 /B3/KU/2022

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

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

Ref: Letter No. 705/phy/Ku/wgl/2021 dated 22/12/2021 of the
Chairperson, Board of Studies in Physics, 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 Physics, Kakatiya University through his letter under reference cited has communicated the revised Scheme and syllabus of M.Sc. Physics (I, & II, Semesters), Course under CBCS pattern duly approved by the Board of Studies in Physics 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. Physics (I, & II, Semesters) Course under CBCS pattern as recommended by the Board of Studies in Physics 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 Physics, KU
- 3) The Chairperson, Board of Studies in Physics, KU
- 4) The Controller of Examinations, KU
- 5) The Additional Controller of Exams (P.G.)/ Confidential
- 6) The SF

NO: - 56
22/12/2021

Dr. G. Padmaja
Chairperson, Board of Studies



DEPARTMENT OF PHYSICS
Kakatiya University
Warangal - 506 009, TS, India

For/phys/kufag/2021

To
The Registrar
Kakatiya University
Warangal - 506009



Date: 22/12/2021

Sub: Submission of Revised Syllabus of M.Sc (Physics) I & II - Semesters
under CBCS pattern for the academic year 2021-22 onwards - Reg:

Sir,

With reference to the subject cited above, I am herewith enclosing the revised syllabus of M.Sc (Physics) I & II- semesters under CBCS pattern, which is duly approved by the Board of Studies in Physics so as to effect from 2021-22 academic year onwards.

This may kindly be acknowledged and appropriate action be taken for its implementation.

Thanking you,

Yours sincerely,

(Dr. G. PADMAJA)

Encl: Revised Syllabus of M.Sc (Physics) I & II - Semesters

Forwarded
with
Recommendation
for
HEAD
DEPARTMENT OF PHYSICS
UNIVERSITY COLLEGE
KAKATIYA UNIVERSITY
WARANGAL-506009

Acad/Ph. put up
for upload
in website
in anticipation
of approval by sc of AS
22/12/21

**M.Sc. (Physics) I - Semester Syllabus under CBCS pattern
(For 2021-22 academic year onwards)**

I-Semester (w.e.f. 2021-2022 academic year)

Paper code	Comp. code	Title of the paper	Internal Exam Marks	End Exam		Total Max. Marks	Total Min. Marks	No. of credits
				Max. Marks	Min. Marks			
Theory								
1.1	101	Mathematical Physics	20	80	32	100	40	04
1.2	102	Classical Mechanics	20	80	32	100	40	04
1.3	103	Solid State Physics	20	80	32	100	40	04
1.4	104	Analog and Digital Electronics	20	80	32	100	40	04
Practical								
1.5	105	General Physics - I	---	100	40	100	40	04
1.6	106	Electronics - I	---	100	40	100	40	04
Seminar			---	25	10	25	10	01
Total						625		25

G. Padmaja
22/12/2021
Chairperson, BoS in Physics, KU, Wgl

M.Sc. (Physics) II - Semester Syllabus under CBCS pattern
(For 2021-22 academic year onwards)

II-Semester (w.e.f. 2021-2022 academic year)

Paper code	Comp. code	Title of the paper	Internal Exam Marks	End Exam		Total Max. Marks	Total Min. Marks	No. of credits
				Max. Marks	Min. Marks			
Theory								
2.1	201	Statistical Mechanics	20	80	32	100	40	04
2.2	202	Quantum Mechanics-I	20	80	32	100	40	04
2.3	203	Integrated circuits & Analog modulation	20	80	32	100	40	04
2.4	204	MATLAB and Applications	20	80	32	100	40	04
Practical								
2.5	205	General Physics – II	--	100	40	100	40	04
2.6	206	Electronics - II	--	100	40	100	40	04
Seminar			--	25	10	25	10	01
Total						625		25

G. Padmaja
22/12/2021
Chairperson, BoS in Physics, KU, Wgl