



**Item No. 34.02.032**

**SYLLABUS** – Approval of revised syllabus of B.Pharmacy II, III and IV Years from 2017-2018 admitted batch under Choice Based Credit System (CBCS) for implementation – Ratification of.

RESOLUTIONS ADOPTED AT THE **SECOND MEETING** OF THE STANDING COMMITTEE OF ACADEMIC SENATE HELD ON **30, JANUARY 2019**.

**RESOLVED TO** ratify the action taken by the Vice-Chancellor in implementing the revised syllabus of B.Pharmacy II, III and IV years under Choice Based Credit System (CBCS) from the academic year 2018-19 for the students admitted during the academic year 2017-2018.

Note submitted to the Standing Committee of Academic Senate is enclosed

## Item No. (2.8)

**Subject:** SYLLABUS – Approval of revised syllabus of B.Pharmacy II, III and IV Years from 2017-2018 admitted batch under Choice Based Credit System (CBCS) for implementation – Ratification of.

The Chairperson, Board of Studies in Pharmaceutical Science, KU through his letter No. 04/BOS/UCPSC/KU/2018, dated 23/10/2018, submitted the PCI approved syllabus of B.Pharmacy II, III and IV years course from 2017-2018 admitted batch under Choice Based Credit System (CBCS). The Board of Studies in Pharmaceutical Sciences at its meeting held on 03/10/2018 recommended the implementation of the revised syllabus from academic year 2018-2019.

In view of urgency, the Vice-Chancellor, in anticipation of approval of the Standing Committee of the Academic Senate, accorded approval for implementation of the revised syllabus of B.Pharmacy II, III and IV as recommended by the Board of Studies. The syllabus was circulated among the colleges vide Lr. No. 1358/B2/Acad/KU/2018, dt.02/11/2018 and also kept it available at KU Website [www.kakatiya.ac.in](http://www.kakatiya.ac.in).

Therefore, the matter is placed before the Standing Committee of the Academic Senate for ratification of the action taken by the Vice-Chancellor in implementing the revised syllabus of B.Pharmacy II, III and IV years.

### DRAFT RESOLUTION

To ratify the action taken by the Vice-Chancellor for implementation of the revised syllabus of B.Pharmacy II, III and IV under Choice Based Credit System (CBCS) from the academic year 2018-19 for the students admitted during the academic year 2017-2018.

UNIVERSITY COLLEGE OF PHARMACEUTICAL SCIENCES  
KAKATIYA UNIVERSITY, VIDYARANYAPURI, WARANGAL-506 009

Prof. Y. Narsimha Reddy  
Chairperson  
BOS in Pharmaceutical Sciences

Mobile: 9440705384  
Phone No. 0870-2438844(O)  
Email: ynrku@yahoo.co.in

No. 04/BOS/UCPSc/KU/2018

23-10-2018

To  
The Registrar,  
Kakatiya University  
Warangal - 506 009

Sir,

Sub: Implementation of PCI syllabus for Bachelor of Pharmacy (B.Pharm) degree course -Choice Based Credit System (CBCS) - Reg.

Ref: Pharmacy Council of India (PCI) notification Ref. No 14-136-2016-PCI, 14-154/2015-PCI (53095- 55431) Dated: 21-12-2016.


(Through proper channel)

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With reference to the subject cited above, I am herewith enclosing minutes of the meeting of the Board of Studies in B.Pharm course held on 3<sup>rd</sup> October 2018 at 11.00 AM in the office of the UCPSc, Kakatiya University, Warangal to implement the PCI syllabus of B.Pharm II, III and IV Year for 2017 - 2018 admitted batch under the Choice Based Credit System (CBCS). Kindly take necessary action for the approval of the syllabus.

Thanking you,

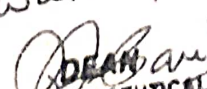
Yours Sincerely,



Prof. Y. Narsimha Reddy  
CHAIRPERSON  
Board of Studies in Pharmaceutical Sciences  
KAKATIYA UNIVERSITY, Warangal.

Encl:

- 1) Minutes of the Meeting
- 2) Copy of the revised syllabus of B.Pharm

Forwarded  
  
DEAN  
FACULTY OF PHARMACEUTICAL SCIENCES  
Kakatiya University  
Warangal - 506 009 (T.S.)



Date: 03-10-2018

The Board of Studies in Pharmaceutical Sciences in UG held on 03-10-2018 at 11:00 AM in the office of the principal UCPSC, KU, Warangal, following members were present

1. Prof. Y. Narsimha Reddy → Chairman
2. Prof. V. Kishan ..... Member
3. Prof. M. Saranga Puri ... Member
4. Dr. G. Sammaiah .... Member
5. Dr. N. PRASAD ..... Member
6. Dr. J. Venkateshwar Rao ... Member
7. Prof. N. Ajitha ..... External Member

Agenda:

1. Approval of B.Pharm II yr (2018-2019), B.Pharm III yr (2019-20) and B.Pharm IV yr (2020-2021) syllabus as per pharmacy Council of India (PCI).
2. Any other matter with the permission of the Chair

MINUTES OF THE MEETING.

It is resolved to implement PCI syllabus with minor modification.

The syllabus is applicable to the 2017-2018 admitted batch onwards.

*(Signature)* N. Reddy  
03/10/18

*(Signature)* M. Ajitha

*(Signature)*

*(Signature)*

*(Signature)* 03/10/18

*(Signature)* 03/10/18

Prof. Y. Narsimha Reddy  
CHAIRPERSON  
Board of Studies in Pharmaceutical Sciences  
KAKATIYA UNIVERSITY, Warangal

Date: 03-10-2018

The Board of Studies in Pharmaceutical Sciences (UG) held on 03-10-2018 at 11:00 AM in the office of the Principal, UCPSc, K.U. Warangal, following members were present:


1. Prof.Y.Narsimha Reddy ----- Chairman
2. Prof.V.Kishan ----- Member
3. Prof.M.Saranga Pani ----- Member
4. Dr.G.sammaiah ----- Member
5. Dr.N.Prasad ----- Member
6. J.Venkateswar Rao ----- Member
7. Prof.M.Ajitha ----- External Member

**Agenda:**

1. Approval of B.Pharm II Year (2018-2019), B.Pharm III Year (2019-2020) and B.Pharm IV Year (2020 – 2021) Syllabus as per Pharmacy Council of India (PCI) Choice Based Credit System (CBCS).
2. Any other matter with the permission of Chair.

**Minutes:**

1. It is resolved to implement PCI Syllabus (CBCS) with minor modifications.
2. The syllabus is applicable to the 2017–2018 admitted batch onwards.

  
**Prof. Y. Narsimha Reddy**  
CHAIRPERSON  
Board of Studies in Pharmaceutical Sciences  
KAKATIYA UNIVERSITY, Warangal.

**Minor modifications subject-wise**

S. No	Subject code and unit where modification made	Additions	Deletions
1	<u>2<sup>nd</sup> Year 1<sup>st</sup> Sem [Semester-III]</u> BP301T/Unit-II PHARMACEUTICAL ORGANIC CHEMISTRY -II (Theory)		Aromatic Acids
2	<u>2<sup>nd</sup> Year 1<sup>st</sup> Sem [Semester-III]</u> BP302T/Unit III		Surface & interfacial phenomenon
3	<u>2<sup>nd</sup> Year 1<sup>st</sup> Sem [Semester-III]</u> BP302T/Unit III	Micromeritics	
4	<u>2<sup>nd</sup> Year 1<sup>st</sup> Sem [Semester-III]</u> BP306P PHYSICAL PHARMACEUTICS - I (Practical)	Exp. 6,7,8,9	
5	<u>2<sup>nd</sup> Year 1<sup>st</sup> Sem [Semester-III]</u> BP304T/Unit I PHARMACEUTICAL ENGINEERING (Theory)	Mixing	
6	<u>2<sup>nd</sup> Year 1<sup>st</sup> Sem [Semester-III]</u> BP304T/Unit II	Crystallization	Distillation
7	<u>2<sup>nd</sup> Year 1<sup>st</sup> Sem [Semester-III]</u> BP304T/Unit III	Distillation	Mixing
8	<u>2<sup>nd</sup> Year 2<sup>nd</sup> Sem [Semester-IV]</u> BP401T/Unit I PHARMACEUTICAL ORGANIC CHEMISTRY -III (Theory)		Asymmetric synthesis: partial & absolute
9	<u>2<sup>nd</sup> Year 2<sup>nd</sup> Sem [Semester-IV]</u> BP401T/Unit II PHARMACEUTICAL ORGANIC CHEMISTRY -III (Theory)		Stereo specific & stereo selective reactions
10	<u>2<sup>nd</sup> Year 2<sup>nd</sup> Sem [Semester-IV]</u> BP401T/Unit III PHARMACEUTICAL ORGANIC CHEMISTRY -III (Theory)		Relative aromaticity, reactivity & basicity Furan & thiophene

*Y. Narsimha Reddy*

**Prof. Y. Narsimha Reddy**  
CHAIRPERSON  
Board of Studies in Pharmaceutical Sciences  
KAKATIYA UNIVERSITY, Warangal.



11	<u>2<sup>nd</sup> Year 2<sup>nd</sup> Sem I Semester-</u> IV] BP403 T PHYSICAL PHARMACEUTICS-II (Theory)	Unit I & Unit V Reversed	
12	<u>2<sup>nd</sup> Year 2<sup>nd</sup> Sem I Semester-</u> IV] BP403 T PHYSICAL PHARMACEUTICS-II (Theory)	Unit V/ Micromeritics	Unit IV/ Surface & Interfacial Phenomenon
13	<u>3<sup>rd</sup> Year 1<sup>st</sup> Sem I Semester-VI</u> BPS02 (T) INDUSTRIAL PHARMACY-I (Theory)	Unit-II- Syrups, Elixirs, Emulsions	Solutions
14	<u>3<sup>rd</sup> Year 1<sup>st</sup> Sem I Semester-VI</u> BPS02 (T) INDUSTRIAL PHARMACY-I (Theory)	Unit-III FBD coater Unit -IV Emulsions, suspension, Sterilization	Unit -III aseptic processing
15	<u>3<sup>rd</sup> Year 1<sup>st</sup> Sem I Semester-VI</u> BP 504 T PHARMACOGNOSY AND PHYTOCHEMISTRY II (Theory)		Unit -V except method of extraction procedure
16	<u>3<sup>rd</sup> Year 1<sup>st</sup> Sem I Semester-VI</u> BP 509 P Industrial Pharmacy Practical	Preparation of Paracetamol syrup. Preparation of pellet by extrusion technique	Quality control test for tablet / capsule
17	<u>3<sup>rd</sup> Year 2<sup>nd</sup> Sem I Semester-VI</u> BP 602T Pharmacology-III		Unit-V Chronopharmacology
18	<u>3<sup>rd</sup> Year 2<sup>nd</sup> Sem I Semester-VI</u> BP 603 T Herbal Drug Technology	Unit-I General Introduction of Herbal Industry	Unit-I Indian system of medicine
19	<u>3<sup>rd</sup> Year 2<sup>nd</sup> Sem I Semester-VI</u> BP 603 T Herbal Drug Technology		
20	<u>3<sup>rd</sup> Year 2<sup>nd</sup> Sem I Semester-VI</u> BP 603 T Herbal Drug Technology		Unit-V General Introduction to herbal Industry
21	<u>3<sup>rd</sup> Year 2<sup>nd</sup> Sem I Semester-VI</u> BP 604T (BPPK)		Unit-III Pharmacokinetic parameters $t_{1/2}$ , Vd, AUC, Clt

*Y. Narsimha Reddy*

Prof. Y. Narsimha Reddy  
CHAIRPERSON  
Board of Studies in Pharmaceutical Sciences  
KAKATIYA UNIVERSITY, Warangal.

			Unit-V Blood Products
22	<u>3<sup>rd</sup> Year 2<sup>nd</sup> Sem [Semester-VII]</u> BP 606 T Pharmaceutical Biotechnology		Determination of the alcohol content of Asava & Arista
23	<u>3<sup>rd</sup> Year 2<sup>nd</sup> Sem [Semester-VII]</u> BP 609 P Herbal Drug Technology		Chapter on adverse drug reaction
24	<u>4<sup>th</sup> Year 1<sup>st</sup> Sem [Semester - VII]</u> BP703T/ Unit-I PHARMACY PRACTICE (Theory)		Chapter on Hospital formulary medication adherence, patient medication history interview
25	<u>4<sup>th</sup> Year 1<sup>st</sup> Sem [Semester - VII]</u> BP703T/ Unit-II PHARMACY PRACTICE (Theory)		Chapter on pharmacy and therapeutic committee
26	<u>4<sup>th</sup> Year 1<sup>st</sup> Sem [Semester - VII]</u> BP 703T/Unit-III PHARMACY PRACTICE (Theory)	Prescribe medication order and communication skills	Budget preparation and implementation. Dosing pattern and Drug therapy based on PK & disease patron
27	<u>4<sup>th</sup> Year 1<sup>st</sup> Sem [Semester - VII]</u> 703/Unit -IV PHARMACY PRACTICE (Theory)		Chapter on investigational use of drugs, interpretation of clinical lab tests
28	<u>4<sup>th</sup> Year 1<sup>st</sup> Sem [Semester - VII]</u> BP703T/ Unit-V PHARMACY PRACTICE (Theory)		Chapter on probability
29	<u>4<sup>th</sup> Year 2<sup>nd</sup> Sem [Semester-VIII]</u> <u>4<sup>th</sup> Year 2<sup>nd</sup> Sem [Semester-VIII]</u> BP801T/ Unit-II BIOSTATISTICS AND RESEARCH METHODOLOGY (Theory)		Chapter on regression modeling
30	BP801T/ Unit-IV BIOSTATISTICS AND RESEARCH METHODOLOGY (Theory)		





# KAKATIYA UNIVERSITY

File No.

Branch : ACADEMIC

Page No. (02)

Unit : B2

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No.

SUBJECT: FACULTY OF PHARMACEUTICAL SCIENCE - Approval of the syllabus of B.Pharm. -Regarding.

Referer

1. The Chairperson, Board of Studies in Pharmaceutical Sciences, KU vide his Lr. No.04/BOS/UCPSc/KU/2018, dated 23<sup>rd</sup> October, 2018 sent the minutes of the meeting of the Board of Studies in Pharmacy held on 03.10.2018 along with PCI approved syllabus of B.Pharmacy II, III and IV year course for 2017-2018 admitted batch under the choice based credit system (CBCS).
2. As per the minutes, the approved syllabus of B.Pharmacy II, III and IV year has to be implemented from this academic year only. In view of the urgency, the Vice-Chancellor, in anticipation of approval by the Standing Committee of Academic Senate, may please approve the minutes of the Board of Studies in Pharmacy taken at its meeting held on 03.10.2018.
3. Submitted for Orders.

*[Signature]*  
25/10/18

*[Signature]*  
25/10/18

May agree to approval of the syllabus in anticipation

approval of the SC.

*[Signature]*  
26.10.18

approved  
*[Signature]*  
29/10/18

*[Signature]*

Nothing to be written here

PROF. K. PURUSHOTHAM  
REGISTRAR



KAKATIYA UNIVERSITY  
VIDYARANYAPURI  
WARANGAL - 506 009

Date: 07-11-2018

No 13CB /B2/ACAD/KU/2018

The Principals of University and  
Affiliated Colleges offering B.Pharm. course  
KAKATIYA UNIVERSITY

Sub:- SYLLABUS - Sending the PCI approved syllabus of B.Pharm. II, III and IV year from 2017-2018 admitted batch under Choice Based Credit System (CBCS) - Regarding.

Ref:- Lr. No. 04/BOS/UCPSc/KU/2018, dated 23<sup>rd</sup> October, 2018 of the Chairperson, Board of Studies in Pharmaceutical Sciences, KU.

Sir/Madam,

I am to inform you that the Chairperson, Board of Studies in Pharmaceutical Sciences, KU has sent the syllabus of PCI approved syllabus of B.Pharm. II, III and IV year course under Choice Based Credit System as recommended by the Board of Studies at its meeting held on 3<sup>rd</sup> October, 2018 for implementation from 2017-2018 admitted batch. The Dean, Faculty of Pharmaceutical Sciences, KU forwarded the minutes for implementation.

In view of urgency, the Vice-Chancellor, in anticipation of approval by the academic bodies, has accorded approval for implementation of syllabus of PCI approved syllabus of B.Pharm. II, III and IV year course under Choice Based Credit System from 2017-2018 admitted batch.

The syllabus is available at the University Website [www.kakatiya.ac.in](http://www.kakatiya.ac.in). The same may be brought to the notice of the students and the staff concerned.

Yours faithfully,

  
REGISTRAR

Encl.: As stated.

Copy to:

1. The Dean, Faculty of Pharmaceutical Sciences, KU
2. The Chairperson, Board of Studies in Pharmaceutical Sciences, KU
3. The Controller/Addl. Controller of Examinations (Professional/Confdl.), KU
4. The Director, Campus Network/Website, KU with a request to place the syllabi on the website.
5. The Secretary to the Vice-Chancellor/PA to Registrar, KU