

sustainability	values, environment and sustainability
Combinatorial chemistry	The one pot synthesis methods avoid using of large excess quantities of solvents which would otherwise be thrown as by products
Green Chemistry	Solventless synthesis of many organic reactions helps protect environment and and also cost effective

**Resolution 6.** Resolved to accept the following pattern of question paper for Summative assessment.- QP Pattern Enclosed

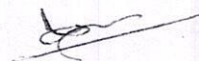
**Resolution 7:** Resolved to accept the M.Phil. and Ph.D. Course Work syllabus with effect from 2022-23 and onwards

**Resolution 8:** Resolved to accept the Panel of referees for the M.Phil. and Ph.D. course work examinations and Thesis adjudication with effect from 2022-23 and onwards.

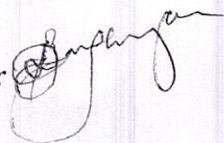
No other matter was put forth hence the meeting is adjourned for sine die.

- 1. Dean**  
Faculty of Science and Technology  
KSAWU Vijayapura
- 2. Prof. N D Satyanarayan,**  
Department of Pharmaceutical chemistry,  
Kuvempu University, P G Centre, Kadur
- 3. Prof. Y D Bodke,**  
Department of chemistry,  
Kuvempu University, Shankarghatta
- 4. Dr. Sanjeevkumar Giri,**  
Department of Pharmaceutical chemistry,  
KSAWU Vijayapura.

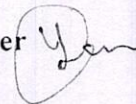
Chairman



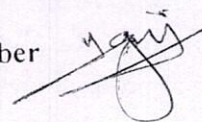
External Member




External Member



Member



  
**CO-ORDINATOR**  
Dept of Pharamaceutical Chemistry  
Akkamahadevi Women s University  
VIJAYAPURA-586108



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

- A. Addition of new courses like:  
Green Chemistry, Combinatorial chemistry,
- B. Removing of courses like:

**Resolution 2.** Resolved to recommend accepting the revised curriculum (with 35% of content added or replaced)

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

No.	Courses having focus on employability/entrepreneurship/skill development	Activities with direct bearing on employability/entrepreneurship/skill development
	All the courses of M.Sc. Pharmaceutical chemistry are focussed on employability	

**Resolution 4.** Resolved to recommend the following new courses either newly introduced or replacing earlier courses

No	Names of the new course introduced	Semester	Newly introduced or replacing earlier course	If replacing earlier course, indicate the title replaced

**Resolution 5:** Resolved to recommend accepting the following courses that address issues relevant to professional ethics, gender, human values, environment and sustainability

No.	Courses having focus on professional ethics, gender, human values, environment and	Activities with direct bearing on professional ethics, gender, human

CO-ORDINATOR

M 4

**CO-ORDINATOR**  
Dept of Pharmaceutical Chemistry  
Akkamahadevi Women's University  
VIJAYAPURA-586102



NO. 111  
111  
111





ಕರ್ನಾಟಕ ರಾಜ್ಯ ಅಕ್ಕಮಹಾದೇವಿ ಮಹಿಳಾ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ವಿಜಯಪುರ  
(ಹಿಂದಿನ ಪದನಾಮ: ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಹಿಳಾ ವಿಶ್ವವಿದ್ಯಾಲಯ, ವಿಜಯಪುರ)

ಡಾ. ಸಂಜೀವಕುಮಾರ. ಗಿರಿ

ಸಂಯೋಜಕರು,

ಪ್ರಾಚಾರ್ಯರಸಾಯನಶಾಸ್ತ್ರ ಮತ್ತು ರಸಾಯನಶಾಸ್ತ್ರ ವಿಭಾಗ

www.kswu.ac.in Email. skgiri2748@gmail.com

ವ್ಯಾಸಕ್ತಿ ಕವರಣ, ತೊರವಿ

ವಿಜಯಪುರ

ಮೊ: 9886253587

ಸಂಖ್ಯೆ: ಕರಾಲಮವಿವಿ/ಜಿರವಿ&ರವಿ/2022-23/

ದಿನಾಂಕ: 14/05/2022

PROCEEDINGS OF THE BOS MEETING  
IN PHARMACEUTICAL CHEMISTRY

A meeting of Board of Studies in Pharmaceutical chemistry was held on 14/05/2022 in the Department of Pharmaceutical chemistry KSAW University, Vijayapura. The following members were present.

1. **Dean**  
Faculty of Science and Technology  
KSAWU Vijayapura
2. **Prof. N D Satyanarayan,**  
Department of Pharmaceutical chemistry,  
Kuvempu University, P G Centre, Kadur
3. **Prof. Y D Bodke,**  
Department of chemistry,  
Kuvempu University, Shankarghatta
4. **Dr. Sanjeevkumar Giri,**  
Department of Pharmaceutical chemistry,  
KSAWU Vijayapura

Chairman

External Member

External Member

Member

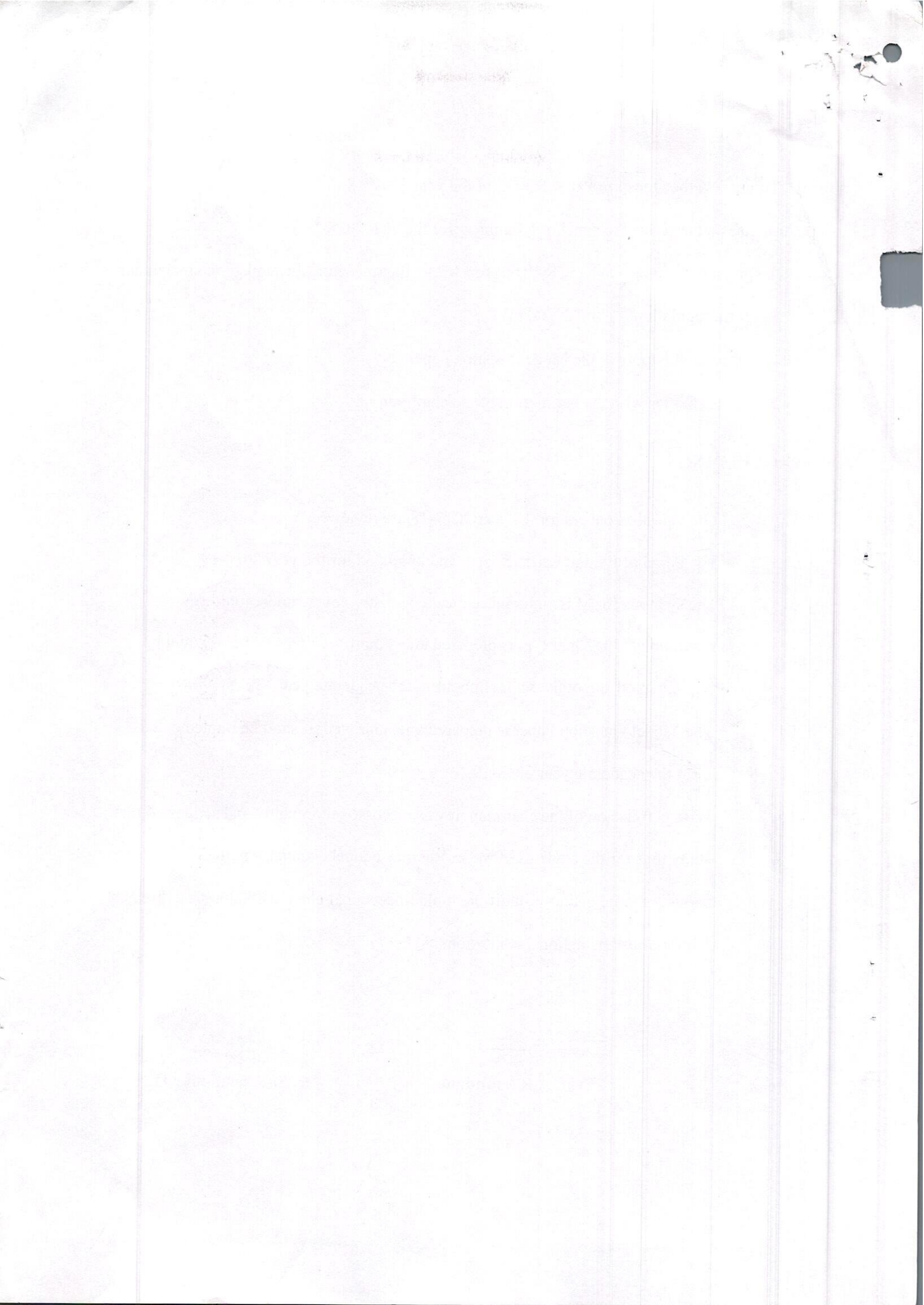
**RESOLUTION:**

Item 1: Revision of the P G syllabus in Pharmaceutical chemistry with effect from the academic year 2022-23

**Preamble:** The syllabus for MSc in Pharmaceutical chemistry was revised during 2018-19 along with enforcement of common regulations for P G programs. The syllabus had to be revised during 2021-21 itself. But owing to Post-Covid issues, the syllabus is being revised this year keeping in view the stakeholders feedback, employers' expectations, trends in the discipline. Hence the following resolutions are drawn.

**CO-ORDINATOR**  
Dept of Pharmaceutical Chemistry  
Akkamahadevi Women's University  
VIJAYAPURA-58610P






1.1.2/1.2.2

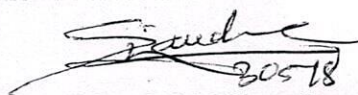
## AGENDA

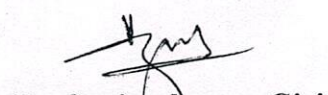
01. To Review the Question Paper Pattern of the year 2017-18.
02. Revise and approve the panel of Examiners for the year 2018-19
03. To prepare and approve New Syllabus for M.Sc. Pharmaceutical chemistry course under Uniform regulations [70+30 pattern]
04. To prepare and approve the Model question paper
05. Any other matter with the permission of the chairman

## PROCEEDINGS

01. The Question papers for the year 2017-18 are reviewed.
02. The Panel of Examiners is revised and approved for the year 2018-19.
03. The syllabus for M.Sc. Pharmaceutical chemistry course under uniform regulations (70+30pattern) is prepared and Approved. This syllabus could be implemented smoothly, with effect from the academic year 2018-19.
04. The Model Question Paper is prepared and approved. It shall be implemented from the academic year 2018-19.
05. With permission of the chairman it was discussed thoroughly and suggested that study tour for the students of M.Sc. Pharmaceutical chemistry in their III semester should be arranged to visit different pharmaceutical/chemical industries, research laboratories and national institutions.

  
Dean,

  
Prof. A R Soundane

  
Dr. Sanjeevkumar Giri





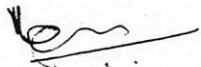
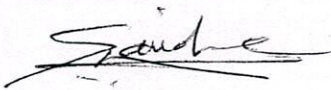

1.1.2  
1.2.2

## PROCEEDINGS OF THE BOS IN PHARMACEUTICAL CHEMISTRY

Date: 30<sup>th</sup> May 2018

A meeting of the BOS in Pharmaceutical chemistry was held on 30<sup>th</sup> May 2018 in the department of Pharmaceutical chemistry, Karnataka State Women's University, Bijapur-586 105.

The following members were present.

- |                                                                                                      |                  |                                                                                       |
|------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------|
| <b>1. Dean</b><br>Faculty of Science and Technology,<br>AWU Bijapur                                  | <b>Chairman,</b> |    |
| <b>2. Prof. A R Soundane</b><br>Professor, Dept. of chemistry,<br>Gulbarga University,<br>Gulbarga   | <b>Member,</b>   |    |
| <b>3. Prof. K H Shivaprasad</b><br>Dept of Chemistry,<br>VSK University, Bellary                     | <b>Member,</b>   | ABSENT                                                                                |
| <b>4. Dr. Ravi Ujjanmathad</b><br>Aurigene Discovery Technologies Ltd.<br>Electronic city, Bangalore | <b>Member</b>    | ABSENT                                                                                |
| <b>5. Dr. Sanjeevkumar Giri</b><br>Dept of Pharmaceutical chemistry,<br>KSWU Bijapur                 | <b>Member</b>    |  |







Feedback.



1.1.2  
1.2.2

# AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA

Proceedings of BOS and CBCS (70+30) Syllabus for

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**M.Sc. PHARMACEUTICAL CHEMISTRY COURSE**

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W.E.F. 2018-19

Department of Pharmaceutical Chemistry  
A K W U, Jnanashakti Campus  
Torani Vijayapura









KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA.  
DEPT. OF CHEMISTRY

PERFORMA FOR SUBMITTING THE PG PANEL LIST FOR CONSTITUTION OF  
PG BOS AS PER STATUTE.

DEPARTMENT: CHEMISTRY

Sl No.	Chairman/Member	Name	Remarks
01.	<b><u>CHAIRMAN:</u></b> The Chairman of the Department PG Studies shall be the Chairman of a PG.	<b>Prof. Aziz Makandar</b> Dean, Faculty of Science and Technology, KSAWU, Vijayapura	
02.	<b><u>MEMBERS:</u></b> All Professors and Associates Professors.	--	
03.	<b><u>MEMBERS:</u></b> Assistant Professors who have put in a minimum of ten years of permanent service are also the members of the PG BOS	--	
04.	<b><u>MEMBERS:</u></b> PG BOS there shall be at least two external members and at least one other member in the related field.	<b><u>External Member:</u></b> 1) Dr. G. B. Kolekar, Professor, Dept. of Chemistry, Shivaji University, Kolhapur. (Maharastra) 2) Dr. P. V. Anabhule, Professor, Dept. of Chemistry, Shivaji University, Kolhapur. (Maharastra) <b><u>Related Field:</u></b> 1) Dr. J. Manjanna, Associate Professor, Dept. of Chemistry, Rani Channamma University, Belagavi. 2) Dr. Pattekhan H. H., Dept. of TTBD, CSIR-CFTRI, Mysore-570020.	gblcdekar@gmail.com 9423281085 Pv anbhule@gmail.com 9423317717 9916584956

DEAN

Faculty of Science and Technology  
Akkamahadevi Women's University,  
VIJAYAPURA-586108









ಕರ್ನಾಟಕ ರಾಜ್ಯ ಅಕ್ಕಮಹಾದೇವಿ ಮಹಿಳಾ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ವಿಜಯಪುರ.

(ಹಿಂದಿನ ಪದನಾಮ: ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಹಿಳಾ ವಿಶ್ವವಿದ್ಯಾಲಯ, ವಿಜಯಪುರ.)

ಡಾ. ಅಜೀಜ ಮಹಾನದಾರ

ಪ್ರಾಧ್ಯಾಪಕರು ಹಾಗೂ ಡೀನರು

ಜ್ಞಾನ ಶಕ್ತಿ ಆವರಣ (ತೊರವಿ)

ಇಮೇಲ್: azizmakandar@gmail.com www.kswu.ac.in

ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ನಿಕಾಯ

ದೂ: 08352-229009

ಮೊ: 9845051097

ಕ್ರ.ಸಂ. ಕರಾಅಮವಿ/ಡೀನರು/Chemistry BOS/2019-20/ 162

ದಿನಾಂಕ: 04-09-2019

ಗೆ,

ಮಾನ್ಯ ಕುಲಸಚಿವರು

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಅಕ್ಕಮಹಾದೇವಿ ಮಹಿಳಾ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ,  
ವಿಜಯಪುರ.

ಮಾನ್ಯರೇ,

ವಿಷಯ: ಸ್ನಾತಕೋತ್ತರ ರಸಾಯನಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ವಿಭಾಗದ ಅಧ್ಯಯನ ಮಂಡಳಿ ಸದಸ್ಯರುಗಳ  
ಪಟ್ಟಿಯನ್ನು ಸಲ್ಲಿಸುತ್ತಿರುವ ಕುರಿತು.

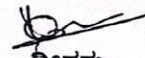
ಉಲ್ಲೇಖ: ಕಛೇರಿ ಟಿಪ್ಪಣಿ ಸಂಖ್ಯೆ: ಅಮವಿವಿ/ಶೈಕ್ಷಣಿಕ/ಅಮ-4/2019-20/1951

ದಿನಾಂಕ: 28-08-2019.

ಈ ಮೇಲಿನ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ರಸಾಯನಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ವಿಭಾಗದ ಸ್ನಾತಕೋತ್ತರ ಅಧ್ಯಯನ  
ಮಂಡಳಿ ಸಭೆಯ (BOS) ಆಂತರಿಕ ಹಾಗೂ ಬಾಹ್ಯ ಸದಸ್ಯರ ಹೆಸರುಗಳ ಪಟ್ಟಿಯನ್ನು ಮುಂದಿನ ಮೂರು ವರ್ಷಗಳ  
ಅವಧಿಯವರೆಗೆ ಪುನರ್ ರಚಿಸಲು ಮೇಲಿನ ಉಲ್ಲೇಖಿತ ಪತ್ರದನ್ವಯ ನಿಗದಿತ ನಮೂನೆಯಲ್ಲಿ ಭರ್ತಿ ಮಾಡಿ ಈ  
ಪತ್ರದೊಂದಿಗೆ ಲಗತ್ತಿಸಿ ಮುಂದಿನ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ ಸಲ್ಲಿಸಲಾಗಿದೆ.

ವಂದನೆಗಳೊಂದಿಗೆ,

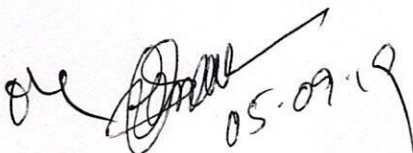
ತಮ್ಮ ವಿಶ್ವಾಸಿ

  
ಡೀನರು

ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ನಿಕಾಯ  
ಕರ್ನಾಟಕ ರಾಜ್ಯ ಅಕ್ಕಮಹಾದೇವಿ ಮಹಿಳಾ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ,  
ವಿಜಯಪುರ.

ಪ್ರತಿ:

- 01) ಸಂಯೋಜಕರು, ರಸಾಯನಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ವಿಭಾಗ, ಕರಾಅಮವಿ, ವಿಜಯಪುರ ಇವರಿಗೆ.
- 02) ಉಪಕುಲಸಚಿವರು, ಶೈಕ್ಷಣಿಕ ವಿಭಾಗ, ಕರಾಅಮವಿ, ವಿಜಯಪುರ ಇವರಿಗೆ.
- 03) ಕಛೇರಿ ಪ್ರತಿ.

  
05.09.19






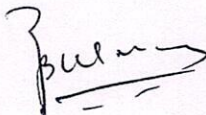
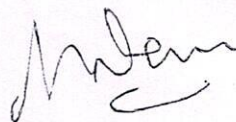




**AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA.**  
**PROCEEDINGS OF THE MEETING OF BOS (PG) IN CHEMISTRY**

Proceedings of the meeting of Board of Studies (PG) in Chemistry held on  
27-05-2018 at 11.00 am in Akkamahadevi Women's University, Vijayapura.

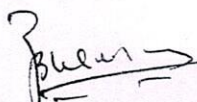
**The Member Present:**

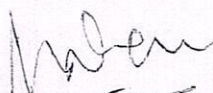
- |                                                                                                   |          |                                                                                    |
|---------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------|
| 1) Dr. Aziz Makandar<br>Professor & Dean<br>Faculty of Science and Technology<br>AWU, Vijayapura. | Chairman |  |
| 2) Dr. G. B. Kolekar<br>Professor, Dept. of Chemistry,<br>Shivaji University, Kolhapur.           | Member   |  |
| 3) Dr. U. V. Desai<br>Professor, Dept. of Chemistry,<br>Shivaji University, Kolhapur.             | Member   |  |


**Resolutions:**

1. The board adopted the new regulation (CBCS) and prepared the revised syllabus of M.Sc. course in conformance with CBCS frame work for 2018-19 and onwards and approved the same.
2. The Board prepared the panel of paper setters/examiners for M.Sc. Courses for the academic year 2018-19 and resolved to approve the same (the list enclosed).

  
Prof. Aziz Makandar  
Chairman

  
Dr. G. B. Kolekar  
Member

  
Dr. U. V. Desai  
Member

  
**CO-ORDINATOR**  
Dept. of Pharmaceutical Chemistry  
Akkamahadevi Women's University  
VIJAYAPURA-586108









**AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA.  
PROCEEDINGS OF THE MEETING OF BOS (PG) IN CHEMISTRY**

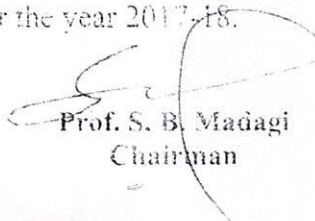
Proceedings of the meeting of Board of Studies (PG) in Chemistry held on  
20-08-2017 at 11.00 am in Akkamahadevi Women's University, Vijayapura.

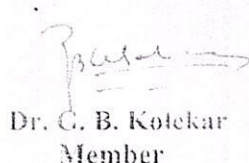
**The Member Present:**

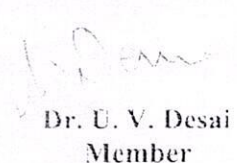
- |                                                                                         |          |
|-----------------------------------------------------------------------------------------|----------|
| 1) Prof. S. B. Madagi<br>Dean<br>Faculty of Science and Technology<br>AWU, Vijayapura.  | Chairman |
| 2) Dr. G. B. Kolekar<br>Professor, Dept. of Chemistry,<br>Shivaji University, Kolhapur. | Member   |
| 3) Dr. U. V. Desai<br>Professor, Dept. of Chemistry,<br>Shivaji University, Kolhapur.   | Member   |


**Resolutions:**

1. The Board prepared the panel of paper setters/examiners for M.Sc. Courses for the academic year 2017-18 and resolved to approve the same (the list enclosed). Further, the board resolved that the paper setters/examiners in the cross-disciplinary courses shall be drawn from the panel of examiners approved by the board of concerned subjects.
2. The board adopted the new regulation (CBCS) and prepared the revised syllabus of M.Sc. course in conformance with CBCS frame work for 2018-19 and onwards and approved the same.
3. The board approved to continue the existing syllabus with small modification (M.Sc.) for the year 2017-18.

  
Prof. S. B. Madagi  
Chairman

  
Dr. G. B. Kolekar  
Member

  
Dr. U. V. Desai  
Member

  
**CO-ORDINATOR**  
Dept. of Pharmaceutical Chemistry  
Akkamahadevi Women's University  
VIJAYAPURA-586109



KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,  
VIJAYAPURA

[M.Sc. (Chemistry) CBCS  
Syllabus 2020-21 and  
onwards]

M.Sc. (Chemistry) III Semester syllabus under CBCS  
(w.e.f. 2020-21 and onwards)

Course Code	Subject Title	Credits			Teaching Scheme Hrs/week			Examination				Total Marks
		L	T	P	Lecture	Tutorial	Practical	Continuous Assessment		Semester End examination C3		
								C1	C2	Exam. Duration (hrs)	Theory/ Practical	
CH HCT 3.1	ORGANIC CHEMISTRY-III ✓	4	0	0	4	--	--	15	15	3	70	100
CH HCT 3.2	PHYSICAL CHEMISTRY-III ✓	4	0	0	4	--	--	15	15	3	70	100
CH HCT 3.3	INORGANIC CHEMISTRY-III	4	0	0	4	--	--	15	15	3	70	100
CH HCP 3.4	PRACTICAL-I (Based on Organic & Inorganic Theory)	0	0	2	--	--	8	15	15	3	70	100
CH HCP 3.5	PRACTICAL-II (Based on Physical & Analytical Theory)	0	0	2	--	--	8	15	15	3	70	100
CH-SCT 3.6.1	ANALYTICAL CHEMISTRY-III	4	0	0	4	--	--	15	15	3	70	100
CH-SCT 3.6.2	GENERAL CHEMISTRY-III	4	0	0	4	--	--	15	15	3	70	100
CH OET:3.7	OPEN ELECTIVE FUNDAMENTALS OF CHEMISTRY	4	0	0	4	--	--	15	15	3	70	100
Total		20	0	4								500

\* HCT: Hard core theory HCL: Hard core lab. SCT: Soft core theory, OE: Open elective



M.Sc. (Chemistry) II Semester syllabus under CBCS  
(w.e.f. 2020-21 and onwards)

Course Code	Subject Title	Credits			Teaching Scheme Hrs/week			Examination				Total Marks
		L	T	P	Lecture	Tutorial	Practical	Continuous Assessment		Semester End examination C3		
								C1	C2	Exam. Duration (Hrs)	Theory/ Practical	
CH HCT 2.1	ORGANIC CHEMISTRY-II	4	0	0	4	--	--	15	15	3	70	100
CH HCT 2.2	PHYSICAL CHEMISTRY-II	4	0	0	4	--	--	15	15	3	70	100
CH HCT 2.3	INORGANIC CHEMISTRY-II	4	0	0	4	--	--	15	15	3	70	100
CH HCP 2.4	PRACTICAL-I (Organic Chemistry)	0	0	2	--	1	6	15	15	3	70	100
CH HCP 2.5	PRACTICAL-II (Physical Chemistry)	0	0	2	--	1	6	15	15	3	70	100
CH HCP 2.6	PRACTICAL-III (Inorganic Chemistry)	0	0	2	--	1	6	15	15	3	70	100
CH HCP 2.7	PRACTICAL-IV (Analytical Chemistry)	0	0	2	--	1	6	15	15	3	70	100
CH-SCT 2.8.1	ANALYTICAL CHEMISTRY-II	4	0	0	4	--	--	15	15	3	70	100
CH-SCT 2.8.2	GENERAL CHEMISTRY-II											
CH OET:2.9	Open Elective Offered by Dept. of Women's Studies	4	0	0	4	--	--	15	15	3	70	100
Total		20	00	08								700

\* HCT: Hard core theory HCL: Hard core lab. SCT: Soft core theory, OE: Open elective



KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,  
VIJAYAPURA.

[M.Sc. (Chemistry) CBCS  
Syllabus 2020-21 and  
onwards]

Scheme of M.Sc. (Chemistry) programme, w.e.f. 2020-21 under CBCS Syllabus

M.Sc. (Chemistry) I Semester Syllabus under CBCS (w.e.f. 2020-21 and onwards)												
Course Code	Subject Title	Credits			Teaching Scheme Hrs/week			Examination				Total Marks
		L	T	P	Lecture	Tutorial	Practical	Continuous Assessment		Semester End examination C3		
								C1	C2	Exam. Duration (Hrs)	Theory/ Practical	
CH HCT 1.1	ORGANIC CHEMISTRY-I	4	0	0	4	--	--	15	15	3	70	100
CH HCT 1.2	PHYSICAL CHEMISTRY-I	4	0	0	4	--	--	15	15	3	70	100
CH HCT 1.3	INORGANIC CHEMISTRY-I	4	0	0	4	--	--	15	15	3	70	100
CH HCP 1.4	PRACTICAL-I (Organic Chemistry)	0	0	2	--	1	6	15	15	3	70	100
CH HCP 1.5	PRACTICAL-II (Physical Chemistry)	0	0	2	--	1	6	15	15	3	70	100
CH HCP 1.6	PRACTICAL-III (Inorganic Chemistry)	0	0	2	--	1	6	15	15	3	70	100
CH HCP 1.7	PRACTICAL-IV (Analytical Chemistry)	0	0	2	--	1	6	15	15	3	70	100
CH-SCT 1.8.1	ANALYTICAL CHEMISTRY-I	4	0	0	3	1	--	15	15	3	70	100
CH-SCT 1.8.2	GENERAL CHEMISTRY-I	4	0	0	3	1	--	15	15	3	70	100
CH OET:1.9	Open Elective Offered by Dept. of Women's Studies	4	0	0	4	--	--	15	15	3	70	100
Total		20	00	08								700

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[M.Sc. (Chemistry) 4th Sem  
Syllabus 2020-21 and  
onwards]

M.Sc. (Chemistry) IV Semester syllabus under CBCS  
(w.e.f. 2020-21 and onwards)

Course Code	Subject Title	Credits			Teaching Scheme Hrs/week			Examination				Total Marks
		L	T	P	Hrs/week			Continuous Assessment		Semester End examination C3		
					Lecture	Tutorial	Practical	C1	C2	Exam. Duration (Hrs)	Theory/ Practical	
CH HCT 4.1	ORGANIC CHEMISTRY-IV	4	0	0	4	--	--	15	15	3	70	100
CH HCT 4.2	PHYSICAL CHEMISTRY-IV	4	0	0	4	--	--	15	15	3	70	100
CH HCT 4.3	PRACTICAL-I (ORGANIC CHEMISTRY)	0	0	2	--	--	6	15	15	3	70	100
CH HCP 4.4	PRACTICAL-II (PHYSICAL CHEMISTRY)	0	0	2	--	--	6	15	15	3	70	100
CH HCP 4.5	MAJOR PROJECT	0	0	4	--	--	6	15	15	3	70	100
CH-SCT 4.6.1	INORGANIC CHEMISTRY-IV	4	0	0	4	--	--	15	15	3	70	100
CH-SCT 4.6.2	ANALYTICAL CHEMISTRY-IV	4	0	0	4	--	--	15	15	3	70	100
CH OET:4.7	OPEN ELECTIVE BIOCHEMISTRY	4	0	0	4	--	--	15	15	3	70	100
<b>Total</b>		<b>16</b>	<b>0</b>	<b>8</b>								<b>500</b>

\* HCT: Hard core theory HCL: Hard core lab. SCT: Soft core theory, OE: Open elective