



**Usha Martin University, Ranchi  
Faculty of Health and Allied Sciences  
Department of Pharmacy**

**Minutes of meeting of Board of studies held on 17<sup>th</sup> March 2022**

Ref. UMU/FHAS/DOP/2022/03

Date:17/03/2022

A meeting with members of the Board of Studies (BoS) of Department of Pharmacy was held online on 17-03-2022 at 10.00 am to review the course curriculum/ syllabus of B.PHARM program to be effective from 2022-23 AY

Google meet Link: <https://meet.google.com/osi-iekk-gcm>

The following members were present:

- |   |                          |
|---|--------------------------|
| 1. Dr. Sailesh Narayan  | Chairperson              |
| 2. Dr. Shailendra Bindaiya  | External Academic Expert |
| 3. Dr. Pavan Kumar (Senior Scientist)                                 | Industrial Expert        |
| 4. All internal faculty members of the department present on that day | Internal Member          |

The chairperson of the Board of Studies (BOS) welcomed all of the members and thanked the external expert for their time. The items were covered according to the agenda.

**Item No. 1: To confirm the minutes of the meeting of Board of Studies held on 15<sup>th</sup> March 2021.**

*(Annexure-1)*

The BoS members confirmed the minutes held on 15<sup>th</sup> March 2021.

*Sarayan*

**Item No. 2: To report the action taken on the minutes of Board of Studies held on 15<sup>th</sup> March 2021.**

*(Annexure-1)*

The BoS members noted the action taken on the decision on the previous meeting and expressed its appreciation for the efforts.

**Item No. 3: To consider and adopt the curriculum of B.Pharm for 2022-2026 batch ,2021-2025 batch & 2020-2024 batch.**

Based on the feedback analysis and action taken report, the Board of Studies members recommended the following:

i) As per discussion, the department decided to carry forward the curriculum of the B.Pharm program without any changes for the 2022-2026 batch as mentioned below.

ii) As per the recommendation of members to adopt the curriculum of B.Pharm for 2021-25 batch as mentioned below.

**i) B.Pharm for 2022-26 batch**

*(Annexure 2)*

The BoS members recommended adopting the curriculum of B.Pharm as approved earlier.

**ii) B.Pharm for 2021-25 batch**

*(Annexure 2)*

The BoS members recommended adopting the curriculum of B.Pharm as approved earlier.

**ii) B.Pharm for 2021-25 batch**

*(Annexure 3)*

| <b>List of new courses in curriculum of 3<sup>rd</sup> year of B.Pharma 2022-23 AY.</b> |   |
|---|---|
|   | <b>Addition</b>   |
| <b>Semester Fifth:</b>  | Medicinal Chemistry II – Theory (BP-501T)<br>Industrial PharmacyI– Theory (BP-502T)<br>Industrial PharmacyI – Practical (BP-506P)<br>Pharmacology II – Theory (BP-503T)<br>Pharmacology II – Practical (BP-507P)<br>Pharmacognosy and Phytochemistry II– Theory (BP-504T)<br>Pharmacognosy and Phytochemistry II – Practical (BP-508P)<br>Pharmaceutical Jurisprudence – Theory (BP-505T) |

*Sanyal*

|                 |   |
|-----------------|---|
| Semester Sixth: | Medicinal Chemistry III – Theory (BP-601T)<br>Medicinal chemistry III – Practical (BP-607P)<br>Pharmacology III – Theory (BP-602T)<br>Pharmacology III – Practical (BP-608P)<br>Herbal Drug Technology – Theory (BP-603T)<br>Herbal Drug Technology – Practical (BP-609P)<br>Biopharmaceutics and Pharmacokinetics – Theory (BP-604T)<br>Pharmaceutical Biotechnology – Theory (BP-605T)<br>Quality Assurance –Theory (BP-606T) |
|-----------------|---|

The member of BOS has recommended the curriculum of the courses offered in 5<sup>th</sup> & 6<sup>th</sup> semester as mentioned in Annexure 3.

**Item No. 4: To consider & approve the value added courses approved by the Department of Pharmacy**

*(Annexure-4)*

The member of BOS has confirmed the same.

**Item No. 5: To consider the implement the input the qualitative initiative as per the directions of IQAC.**

The member of BoS members has recommended adopting the quality initiatives suggested by IQAC

**Item No. 6: To consider and implement the input recommended by Academic forum.**

The member of BoS members has recommended adopting the input recommends by academic forum.

The member of BOS has authorized the other person of BOS for any kind of revision/change if needed.

The meeting is ended with thanks to all the members

Date: 17-03-2022

  
Chairperson

HOD

Members with Signature

1. Dr. Sailesh Narayan, (Chairperson) - *Sailesh Narayan*
2. Dr. Shailendra Bindaiya (External Academic Expert) - *Shailendra Bindaiya*
3. Dr. Pavan Kumar (Senior Scientist), Industrial Expert - *Pavan Kumar*

4. *Pavan Kumar*

*K. Sankar*

**Copy To:**

- Vice Chancellor, UMU for kind information
- Registrar, UMU for kind information
- All members of the BOS



**Usha Martin University, Ranchi  
Faculty of Health and Allied Sciences  
Department of Pharmacy**

**Minutes of meeting of Board of studies held on 15<sup>th</sup> March 2021**

Ref. UMU/FHAS/DOP/2021/02

Date: 15 /03/2021

A meeting with members of the Board of Studies (BoS) of the Department of Pharmacy was held online on 06-15-03-2021 at 10.00 am. to review the course curriculum/ syllabus of B.pharm program to be effective from 2021-22 AY.

Google meet link : <https://meet.google.com/ozg-yfeu-wuq>

The following members were present:

- |  |                          |
|--|--------------------------|
| 1. Dr. Sailesh Narayan   | Chairperson              |
| 2. Dr. Shailendra Bindaiya   | External Academic Expert |
| 3. Dr. Pavan Kumar (Senior Scientist)                                    | Industrial Expert        |
| 4. All internal faculty members of the department<br>present on that day |                          |

The chairperson of the Board of Studies (BOS) welcomed all of the members and thanked the external expert for their time. The items were covered according to the agenda.

**Item No. 1: To confirm the minutes of the meeting of Board of Studies held on 26<sup>th</sup> October 2020.**

*(Annexure-1)*

The BOS members confirmed the minutes.

**Item No. 2: To report the action taken on the minutes of Board of Studies held on 26<sup>th</sup> October 2020.**

*(Annexure-1)*

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*Sravan*

The Board of Studies noted the action taken on the decision on the previous meeting and expressed its appreciation for the efforts.

**Item No.3: To consider and adopt the curriculum of B.Pharm for 2021-2025 batch & 2020-2024 batch.**

Based on the feedback analysis and action taken report, the Board of Studies members recommended the following:

- i) As per discussion, the department decided to carry forward the curriculum of the B.Pharm program without any changes for the 2021-2025 batch as mentioned below.
- ii) As per the recommendation of members to adopt the curriculum of B.Pharm for 2020-24 batch as mentioned below.

**i) B.Pharm for 2021-25 batch**

*(Annexure 2)*

The BOS members recommended adopting the curriculum of B.Pharm as approved earlier.

**ii) B.Pharm for 2020-24 batch**

*(Annexure 3)*

Based on the PCI guidelines the course structure recommended in BOS for the 2<sup>nd</sup> years of 2020-24 batch is mentioned in Annexure 3. The courses offered in 3<sup>rd</sup> & 4<sup>th</sup> semesters are mentioned below.

| <b>List of new courses in curriculum of 2<sup>nd</sup> year of B.PHARM 2021-22 AY.</b> |  |
|--|--|
|  | <b>Addition</b>  |
| <b>Semester Third:</b>   | Pharmaceutical Organic Chemistry –II (BP-301T)<br>Pharmaceutical Organic Chemistry –II Lab (BP-305P)<br>Physical Pharmaceutics-I (BP-302T)<br>Physical Pharmaceutics-I Lab (BP-306P)<br>Pharmaceutical Microbiology (BP-303T)<br>Pharmaceutical Microbiology Lab (BP-307P)<br>Pharmaceutical Engineering (BP-304T)<br>Pharmaceutical Engineering Lab (BP-308P) |
| <b>Semester Fourth:</b>  | Pharmaceutical Organic Chemistry –III (BP-401T)<br>Medicinal Chemistry –I (BP-402T)<br>Medicinal Chemistry –I Lab (BP-406P)<br>Physical Pharmaceutics-II (BP-403T)   |

*Shayen*

|  |
|--|
| Physical Pharmaceutics-II Lab (BP-407P)        |
| Pharmacology-I (BP-404T)                       |
| Pharmacology –I Lab (BP-408P)                  |
| Pharmacognosy and Phytochemistry (BP-405T)     |
| Pharmacognosy and Phytochemistry Lab (BP-408P) |

The BOS members recommended the curriculum of the courses offered in 3<sup>rd</sup>& 4<sup>th</sup> semester as mentioned in Annexure 3.

**Item No. 5: To consider & approve the value added courses approved by the Department of Pharmacy**

*(Annexure-4)*

The BOS members confirmed the same.

**Item No. 6: To consider the implement the input the qualitative initiative as per the directions of IQAC.**

The BOS members recommended adopting the quality initiatives suggested by IQAC

**Item No. 7: To consider and implement the input recommended by Academic forum.**

The BOS members recommended adopting the input recommend by academic forum.

The BOS members authorized the other person of BOS for any kind of revision/change if needed.

The meeting is ended with thanks to all the members

Date: 15-03-2021

*S. Narayan*  
Chairperson  
HOD

Members with Signature

1. Dr. Sailesh Narayan, (Chairperson)
2. Dr. Shailendra Bindaiya (External Academic Expert)
3. Dr. Pavan Kumar (Senior Scientist), Industrial Expert

4. *[Signature]*

*[Signature]*

*[Signature]*  
*[Signature]*

**Copy To:**

- Vice Chancellor, UMU for kind information ✓
- Pro-Vice Chancellor, UMU for kind information ✓
- Registrar, UMU for kind information ✓
- All members of the BOS

*S. Manjari*





**Usha Martin University, Ranchi  
Faculty of Health and Allied Sciences  
Department of Pharmacy**

**Minutes of meeting of Board of studies held on 26<sup>th</sup> October 2020**

Ref. UMU/FHAS/DOP/2020/01

Date: 26/10/2020

A meeting with members of the Board of Studies (BoS) of Department of Pharmacy was held online on 26-10-2020 at 10.00 am to review the course curriculum/ syllabus of B.PHARM program to be effective from 2020-21 AY.

Google meet link: <https://meet.google.com/sbt-agnw-nmk>

The following members were present:

- |   |                          |
|---|--------------------------|
| 1. Dr. Sailesh Narayan  | Chairperson              |
| 2. Dr. Shailendra Bindaiya  | External Academic Expert |
| 3. Dr. Pavan Kumar (Senior Scientist)                                 | Industrial Expert        |
| 4. All internal faculty members of the department present on that day |                          |

The chairperson of the Board of Studies (BOS) welcomed all of the members and thanked the external expert for their time. The items were covered according to the agenda.

**Item No. 1: To discuss the eligibility criteria and course structure of B.Pharm as per the CBCS guidelines of PCI.**

*(Annexure-1)*

The members of BOS has approved the eligibility of B.Pharm in Regular programme. The board members have decided that the course structure of B.Pharm will be adopted as per PCI guidelines. The course structure of 1<sup>st</sup> year of B.Pharm program is attached in Annexure 1.

*S. Narayan*

**Item No. 2: To consider and adopt the curriculum of 1<sup>st</sup> year of B.Pharm Pharmacy effective for 2020-24 batch.**

*(Annexure-2)*

Based on the guidelines provided by PCI, the BOS recommended the curriculum of B.Pharm program for 2020-21 AY as mentioned below:

| <b>List of new courses in curriculum of 1<sup>st</sup> year of B.Pharm 2020-21 AY.</b> |  |
|--|--|
|  | <b>Addition</b>  |
| <b>Semester first:</b>   | Human Anatomy and Physiology I – Theory (BP101T)<br>Pharmaceutical Analysis I- Theory (BP 102T)<br>Pharmaceutics I- Theory (BP 103T)<br>Pharmaceutical Inorganic Chemistry – Theory (BP 104T)<br>Communication Skills – Theory (BP 105T)<br>Remedial Biology/Remedial Mathematics – Theory (BP106RBT & BP106RMT)<br>Human Anatomy and Physiology I – Practical (BP107P)<br>Pharmaceutical Analysis I- Practical (BP 108P)<br>Pharmaceutics I- Practical (BP 109P)<br>Pharmaceutical Inorganic Chemistry – Practical (BP 110P)<br>Communication Skills – Practical (BP 111P)<br>Remedial Biology- Practical (BP 112RBP) |
| <b>Semester Second:</b>  | Human Anatomy and Physiology II – Theory (BP201T)<br>Pharmaceutical Organic Chemistry I – Theory (BP 202T)<br>Biochemistry – Theory (BP 203T)<br>Pathophysiology – Theory (BP 204T)<br>Computer Applications in Pharmacy- Theory (BP 205T)<br>Environmental Sciences- Theory (BP 206T)<br>Human Anatomy and Physiology II – Practical (BP 207P)<br>Pharmaceutical Organic Chemistry I – Practical (BP 208P)<br>Biochemistry – Theory (BP 209P)<br>Computer Applications in Pharmacy- Practical (BP 210P)   |

*Shayam*

The members of BOS recommended adopting the curriculum/ syllabus of 1<sup>st</sup> semester B.Pharm as mentioned in Annexure 2.

**Item No. 3: To discuss the vision and mission of the Pharmacy department**

*(Annexure-3)*

The members of BOS has approved the vision and mission of the Pharmacy department mentioned in Annexure III.

**Item No. 4: To discuss and finalise the PEO, PO and PSO for the B. Pharm Program**

*(Annexure-4)*

The members of BOS has approved the PO and PSO for the B. Pharm Program mentioned in Annexure IV.

**Item No. 5: To decide about the Continuous Assessment process for the theory and laboratory course of B. Pharm program.**

The members of BOS has discussed and decided to adopt the assessment system in the ratio of 25:75 for theory and the ratio of 15: 35 and 10: 15 for practical course. It was decided that the continuous assessment or the Mid-term evaluation will be will be of 25% and end term assessment will be of 75% for theory and the Mid-term evaluation will be will be of 15% / 10% and end term assessment will be of 35% / 15% for practical.

The Continuous Assessment is of *25 marks* and will be of the following form:

Mid-Semester: 15 marks

Assignment: 3 marks

Attendance: 4 marks

Student- Teacher Interaction: 3

The Continuous Assessment of Laboratory course is of *15 marks* and will be of the following form:

Lab Record: 3 marks

Quiz/ Class Test: 10 marks

Attendance: 2 marks



**Item No. 6: To discuss and finalise the End semester question paper format, evaluation process.**

The question paper of end term will be in the format of 75 marks whose composition is mentioned below. The question paper will be of three sections that is Section A, section B and section C. Section A will consists of 10 or 20 questions. Section A consists of MCQ or and section C. Section A will consists of 10 or 20 questions. Section A consists of MCQ or Objective type questions of total 20 marks, each question carries one or 2 marks. Section B consists of 03 questions; out of which 02 questions have to answer and total marks of section B is 20 marks, each question carries 10 marks. Section C will consist of total 35 marks; where there are total 09 questions and student have to attempt any 07 questions, each question carries 5 marks.

In end semester, the laboratory course has three sections. The question paper of end term will be in the format of 35 marks whose composition is mentioned below. Section A consist of 5 marks, Section B consist of 25 marks and Section C consist of 5 marks.

**Item No. 7: To consider the implement the input the qualitative initiative as per the directions of IQAC.**

The members of BOS recommended adopting the quality initiatives suggested by IQAC.

**Item No. 8: To consider and implement the input recommended by Academic forum.**

The members of BOS recommended adopting the input recommend by academic forum.

The members of BOS authorized the other person of BOS for any kind of revision/change if needed.

The meeting is ended with thanks to all the members.

Date: 26-10-2020

*S. Narayan*  
Chairperson

Members with Signature

1. Dr. Sailesh Narayan, (Chairperson)

2. Dr. Shailendra Bindaiya (External Academic Expert)

3. Dr. Pavan Kumar (Senior Scientist), Industrial Expert

*S. Narayan*

*Shailendra Bindaiya*

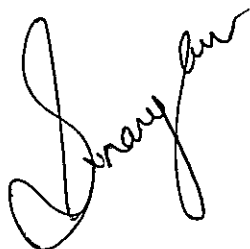
*Pavan Kumar*

*K. Selva*

*S. Narayan*

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- All members of the BOS



Dr. Praveen