# Pravara Institute of Medical Sciences Deemed to be University
## Loni Bk-413736

## Centre for Biotechnology

### FEEDBACK REPORT

**1.Name of the College:** Centre for Biotechnology

**2. Feedback secretary:** Mr. Ganesh Prakash Vikhe

**Mobile Number**:9975210322 **e-mail:** ganesh.vikhe@pmtpims.org

**3. Year and semester:**   batches for which feedback
taken. Year: 2019-2020

| Sr. No | Batch | No Students |
|--------|-------|-------------|
| 1 | B. Sc I | 12 |
| 2 | B.Sc. II | 07 |
| 3 | B.Sc. III | 09 |
| 4 | M. Sc I | 02 |
| 5 | M.Sc II | 02 |
| | **Total** | **32** |

**4.  Summary of feedback.**

  PIMS-DU, CBT, Loni Bk, conducted online feedback for the assessment year 2019- 2020.

  Total 32 UG and PG students gave their valuable feedback on following aspect.

**A.** Feedback on infrastructure and learning resources.

**B.** Feedback on departmental teaching learning process.

**C.** Feedback from out-going students on academic, facilities, support & services. (Exit).

**D.** Feedback on faculty members.

        Dr. Deepak Phalke, HOD, Department of Preventive & Social Medicine and PIMS (DU)
feedback committee coordinator and Mr. Eknath Gawade, Coordinator, College of Nursing
gave valuable suggestions and guidance throughout the feedback process.

        Collected feedback data was further tabulated, analyzed and interpreted under the
        following heads.

**Methodology**

Student's feedback for academic year 2019-2020 collected online by using Google form, feedback
questions were divided under following headings and linear scale was used.

  A.  Feedback on infrastructure and learning resources.
  B.  Feedback on Curriculum – Syllabus and Co-Curricular

C.   Feedback on departmental teaching learning process.
D.   Feedback from out-going students on academic, facilities, support & services. (Exit).
E.   Feedback on faculty members

In all the steps of data collection confidentiality was maintain about identity of respondents. Google form was prepared as per the programme and year of UG & PG courses. Google form link was made and send on students what's app group.

Data was collected from 20.07.2020 to 20.08.2020.

Analysis was done after obtaining excel sheet of Google form. All score presented out of 5 and opinion and suggestion presented in descriptive manner.

A. Feedback on infrastructure and learning resources.

Feedback on infrastructure and learning resources taken from 3 batches of B.Sc.
Medical Biotechnology and 2 batches of  M.Sc Medical Biotechnology .

Feedback of students about infrastructure and learning resources was assessed by asking responses on various aspects of infrastructure. Total five questions were asked, each question carrying five marks. Students had given their response to each question out of five.Overall feedback given by the students about infrastructure and learning resources was assessed by taking average of all students' responses to each question out of 5 and then all five questions average taken out of five.Total average score about infrastructure and learning resources was taken out of five.

B. **Feedback on Curriculum – Syllabus and Co-Curricular process**

Total seven questions asked about syllabus and co-curricular process and average score given by all the students are taken out of 5 on linear scale of 5 points.

| S.N | PROGRAMME | SCORE |
|-----|-----------|-------|
| 1 | B.Sc.  Medical Biotechnology- 1st yr | 3.35 |
| 2 | B.Sc. Medical Biotechnology-  2nd yr | 2.33 |
| 3 | B.Sc. Medical Biotechnology-  3rd yr | 3.48 |
| 4 | M.Sc. Medical Biotechnology - 1st yr | 4.79 |
| 5 | M.Sc. Medical Biotechnology- 2nd yr | 4.00 |

**Opinion and suggestions:** Overall all the students were satisfied with the curriculum planning and implementation. All students are happy and gave feedback that lectures taken properly and solved doubts.

C. **Feedback on departmental teaching learning process**

Feedback on departmental teaching learning process was taken from 3 batches of B.Sc. Medical Biotechnology, and two batches of M.Sc. Medical Biotechnology.

Feedback of students on departmental teaching learning process was assessed by asking responses on various areas of departmental teaching learning process. Total 10 questions were asked, each question carrying five marks. Students had given their response to each question out of five. Overall feedback given by the students about departmental teaching learning process was assessed by taking average of all students' responses to each question out of 5 and then all 10 questions average taken out of five.

Data of departmental teaching learning process was tabulated and presented as per the programme, batches in each programme and departments / subject in each batch.

**Batch name: First year B.Sc. Medical Biotechnology**

| Sr.no | Subject | Avg. subject score |
|-------|---------|--------------------|
| 1 | Basic Chemistry | 3.48 |
| 2 | Mathematics and Biostatics | 3.65 |
| 3 | Introduction to evolutionary biology | 3.70 |
| 4 | Introduction to biotechnology | 3.76 |
| 5 | Biophysics | 3.60 |
| 6 | Cell biology | 3.89 |
| 7. | Basic laboratory methods for biotechnology | 3.75 |
| 8 | Basic concepts of information technology | 3.80 |

**Batch Name: Second year B.Sc. Medical Biotechnology**

| Sr. No | Subject | Avg subject Score |
|--------|---------|-------------------|
| 1 | Genetics – A | 3.18 |
| 2 | Medical Microbiology – A | 2.64 |
| 3 | Human Biochemistry – A | 2.14 |
| 4 | Biostatics | 2.95 |
| 5 | Genetics – B | 2.84 |

| 6 | Medical Microbiology – B | 2.67 |
|---|---|---|
| 7 | Human Biochemistry – B | 2.12 |
| 8 | Enzyme Technology | 2.00 |

### Batch Name: Third Year B.Sc. Medical Biotechnology

| Sr. No | Subject | Avg. sub score |
|---|---|---|
| 1 | Molecular Biology | 3.67 |
| 2 | Fermentation Technology | 3.93 |
| 3 | Biomembrane | 3.55 |
| 4 | Ethical Issues in Biotechnology | 3.61 |
| 5. | Pharmaceutics | 4.21 |
| 6. | Basic Immunology | 3.00 |

### Batch Name: First Year M.Sc. Medical Biotechnology

| Sr. No | Subject | Avg. sub score |
|---|---|---|
| 1 | Cell Biology | 4.70 |
| 2 | Molecular Biology | 4.85 |
| 3 | Human Biochemistry | 4.70 |
| 4 | Animal Tissue Culture | 4.70 |
| 5. | Human  Physiology | 4.65 |
| 6. | Medical Microbiology | 4.85 |
| 7. | Industrial Biotechnology | 4.70 |
| 8. | Bioinformatics | 4.75 |

**Batch Name: Second Year M.Sc. Medical Biotechnology**

| Sr. No | Subject | Avg. sub score |
|--------|---------|----------------|
| 1. | Genetic  Engineering | 4.45 |
| 2. | Immunology | 3.45 |
| 3. | Medical Microbiology | 4.65 |
| 4. | Clinical Research | 4.50 |
| 5. | Research Methodology and Socio- Ethical aspects of Biotechnology | 4.80 |
| 6. | Pharmaceutical Biotechnology | 4.80 |

**Opinion and suggestions:** Students are satisfied with the facilities provided by the various departments about curriculum planning and implementation. All the doubts raised by students are taken care by faculty of each department.

**Feedback from out-going students on academic, facilities, support & services. (Exit batch)**

Feedback of out-going students on academic, facilities, support & services was taken from final year of B.Sc Medical Biotechnology and M.Sc. Medical Biotechnology.

Feedback from out-going students on academic, facilities, support & services was assessed by asking responses on various areas. Total 10 questions were asked, each question carrying five marks. Students had given their response to each question out of five. Overall feedback given by the out-going students on academic facilities, support and services assessed by taking average of all students' responses to each question out of 5 and then all 10 questions average taken out of five.

**Table: Feedback from out-going students on academic, facilities, support & services.**

| SR.NO | COURSE/ PROGRAMME | AVG.SCORE |
|-------|-------------------|-----------|
| 1 | B.Sc. Medical Biotechnology- 3rd yr | 4.30 |
| 3 | M.Sc. Medical Biotechnology -2nd yr | 4.50 |

Overall response of outgoing students of final year Basic B.Sc. Medical Biotechnology on academic facilities, support and services was 4.40 which is least score of outgoing batch.

**Opinion and suggestions:** Overall feedback given by the all outgoing batch students was good and they were happy during academic stay during their course.

**D. Feedback on faculty members.**

Feedback of students about faculty members was assessed by asking responses about faculty members on various areas. Total five questions were asked, each question carrying five marks. Students had given their response to each question out of five. Overall feedback given by the students about faculty member was assessed by taking average of all students' responses to each question out of 5 and then average of all five questions taken out of five.

Total score for each faculty member was out of five.

Faculty wise feedback score given by the students were presented as follows

**Feedback on faculty members**

| Sr. No | Name of the faculty | Designation | Score |
|--------|---------------------|-------------|-------|
| 1 | Dr. Sonali Das | In-Charge Director | 4.47 |
| 2 | Dr .Rahul Dev Malage | Assistant Professor | 3.39 |
| 3 | Mr. Ganesh Vikhe | Assistant Professor | 4.28 |
| 4 | Mrs. Joyti Kulkarni | Assistant Professor | 4.13 |
| 3. | Dr. Suresh Kamble | Assistant Professor | 4.90 |
| 4. | Dr. Anand B. | Associate Professor | 3.66 |
| 5. | Dr. Sandeep N | Associate Professor | 4.80 |
| 6. | Dr. Santosh S. | Assistant Professor | 3.80 |
| 7. | Dr. M.Tayade | Assistant Professor | 4.90 |
| 8. | Ms. Shashi Priya | Assistant Professor | 3.36 |
| 9. | Mr. Akshay Patil | Research Student | 3.93 |

**Opinion and suggestion:** Overall feedback given by the students about faculty is good, average and excellent. They are satisfied with faculty performance. Opinion and suggestion given for each faculty discussed individually with each faculty.

**5. ACTIONABLE POINTS DISCUSSED WITH RESPECTIVE DEAN/DIRECTORATE.**

Actionable point about feedback discussed with the Incharge Director, Centre for Biotechnology under the each aspect of feedback and presented as follows.

**A. Infrastructure and learning resources**.

Feedback on infrastructure and learning resources taken from 3 batches of B. Sc and 2 batches of M. Sc Medical Biotechnology

All the batches gave feedback score was around 3.50 and above except First year B.Sc. II Medical Biotechnology.

Overall feedback score given by the first year B.Sc. II Medical Biotechnology on infrastructure and learning resources was 2.35. Their mean average score for basic learning resources, clinical facilities, community learning resources, hostel facility and campus amenities with sports facilities was 4.0, 4.0, 3.5, 3.5 and 3.55 respectively.

Coordinator, respected teachers of first year B.Sc. II Medical Biotechnology and In-Charge Director CBT discussed with B.Sc. students about clinical facilities, community learning resources, hostel facility and campus amenities with sports facilities etc on various aspects of infrastructure.

After student-faculty discussion In-Charge Director, discussed with teaching faculty for further improvement.

**B.  Departmental teaching learning experience**

Feedback given by the students about a subject / departments and feedback score was 3.20 and above except subject of second year B. Sc in Human Biochemistry A and B In reference with the same In-Charge Director, discussed with respective teachers of various subject about low score and how it can be enhance and what are the problems students are facing and how it can be solved.

**C.  Feedback from out-going students on academic, facilities, support & services.**

Overall response of outgoing students on academic facilities, support and services was 4 and above.

Respective students were called for discussion and to give their suggestion. As per the discussion respective teacher called and counseled by the Incharge Director, CBT.

**D. Feedback on faculty members.**

Faculty feedback given by the students about discussed with each faculty members. Almost all the faculty members feedback score was 4 and above. Very few faculty members were having feedback score below four.

The faculty member who are having good feedback score were congratulated and appreciated by the Incharge Director, Centre for Biotechnology with letter of appreciation. Those faculty having feedback score were counseled by the Incharge Director, CBT.

The faculties with low feedback score were confirmed that they will make improvement in suggested area and enrich their teaching.

**6. Recommendation to be submitted to stakeholders- Nil**

Sign of Feedback Secretary

Centre for Biotechnology

Sign of I/C Director

Centre for Biotechnology