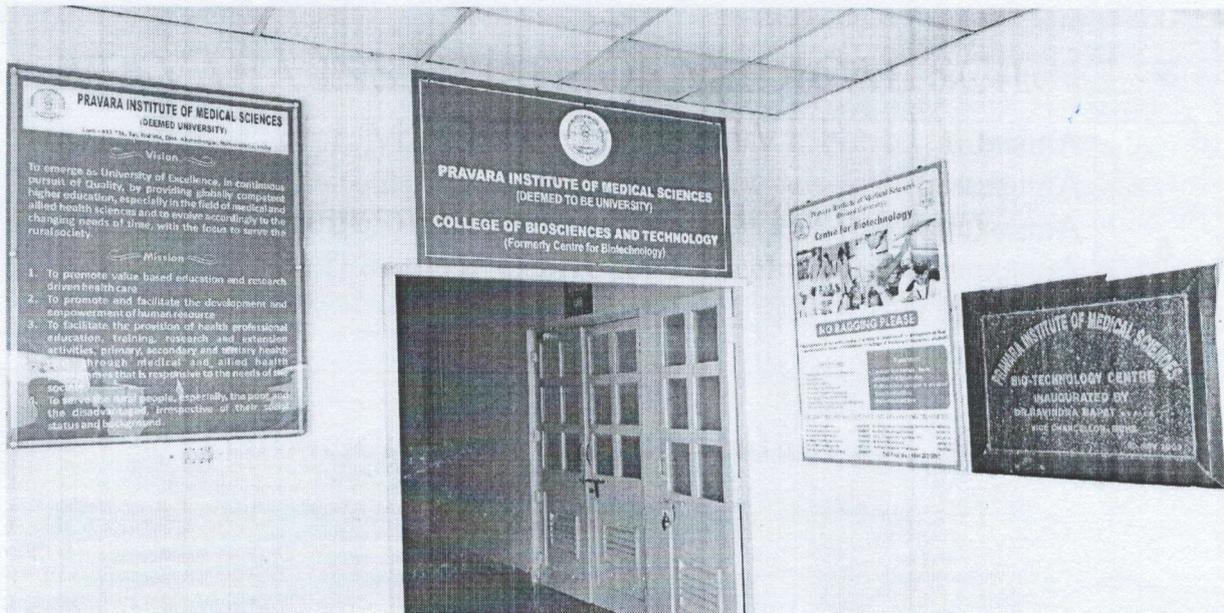


PRAVARA INSTITUTE OF MEDICAL SCIENCES (DEEMED TO BE UNIVERSITY)

College of Biosciences and Technology, (Formerly Centre for Biotechnology) Loni Bk

Feedback Report on Curriculum 2023-2024



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Student's Feedback Report on Curriculum

Introduction

College of Biosciences and Technology PIMS (DU), well known institute for Medical Biotechnology education across Maharashtra state and India and follows curriculum given by UGC. Students are most important stake holder for us and there feedback on curriculum, suggestion and opinion always important for us for continuous improvement in curriculum planning, revision and implementation to improve our self as renowned educational institute in Medical Biotechnology continuously and give best graduate .

Every year we are obtaining curriculum feedback on Syllabus and Co-Curricular Aspects to upgrade Medical Biotechnology curriculum with changing trends and create competent professionals.

For the present academic year 2023-2024 we obtained feedback from B.Sc. Medical Biotechnology and M.Sc. Medical Biotechnology students.

Student's feedback collected from 05.07.2024 to 25.07.2024

Methodology

Feedback for academic year 2023-2024, Collected online by using Google form.

Student's feedback on curriculum of 7 items on likert scale and 8th item consist of qualitative response of alumni related to Curriculum and Co-Curricular Aspects. Each question will carry five options on Likert Scale viz poor, average, good, very good & excellent carrying marks of 1, 2, 3, 4 & 5 respectively. An additional open box of opinion/suggestion will be placed at the end.

Overall feedback given by the students was assessed by taking averages.

Student's feedback on curriculum

Table 1 Programme wise student's feedback on curriculum

SN	Programme	Frequency (n=37)		Total	Mean Feedback score	SD
		Male	Female			
1	B.Sc. Medical Biotechnology	08	14	22	4.46	0.14
2	M.Sc. Medical Biotechnology	04	11	15	4.09	0.24

Above table shows that total 37 students gave their feedback and overall feedback score was 4.46 and 4.09 of B.Sc. Medical Biotechnology and M.Sc. Medical Biotechnology. Maximum students were saying curriculum is Good to very good. Programme, Year wise and aspect wise student's feedback discussed further

Table 2: B.Sc. Medical Biotechnology student's curriculum feedback score

SN	Year	Frequency (n = 22)		Total	Mean Feedback score	SD
		Male	Female			
1	First Year	04	10	14	4.48	0.13
2	Second Year	02	02	04	4.66	0.15
3	Third Year	02	02	04	4.24	0.27

Above table shows that total 22 students gave their feedback and overall feedback score was 4.66, maximum students were saying curriculum is Good to very good. Year wise and aspect wise student's feedback discussed further

B.Sc. Medical Biotechnology student's year wise and aspect wise curriculum feedback

Table 3: First year B.Sc. Medical Biotechnology student's aspect wise curriculum feedback

SN	Items	Mean
1	Relevance of Curriculum / Syllabus Their revision and update periodically	4.48
2	Curricular Planning, Design, Development, Transaction and Delivery in their Academic Programmes	4.58
3	Curricular Focus on Knowledge, Skills, Competence, Attitude, • Communication Skill, Employability and Entrepreneurship	4.68
4	Curricular Enrichment through Value Added Programmes / Training / Workshops to enhance Skills, competence and Professionation	4.40
5	Orientation towards Syllabus / Curriculum (Content / Delivery/ Transaction / Evaluation) through Foundation / Induction / Orientation Programmes	4.20
6	Coverage of relevant and important topics like Environment, Climate Charge, Demography, Health Determinants, Human Rights, Values and Ethics in the curriculum	4.60
7	Scope for Co- Curricular Activities and Beyond curriculum scholarly Activities. Transaction Like Guest Lecture / Seminar / Assignments / Research / Group Discussion/ Field work / Internship / Community Posting.	4.46
	Overall mean score	4.48

Above table shows the aspect wise feedback score of first year B.Sc. Medical Biotechnology students on Relevance of Curriculum / Syllabus revision and update periodically, curriculum planning, design and development, coverage of relevant topics, curriculum enrichment and cocurricular activities etc.

Maximum aspects of curriculum feedback by first year B.Sc. Medical Biotechnology students having mean is 4.48

Opinion and suggestions: Overall suggestion given by the first year B.Sc. Medical Biotechnology students that curriculum was good and implemented properly and enjoyed curriculum and teaching learning

Representative opinion and suggestion given by the students about curriculum were as follows in verbatim form were as follows

1. *Details about topic include in syllabus*
2. *Excellent*

Table 4: Second year B.Sc. Medical Biotechnology student's aspect wise curriculum feedback

S.N	Items	Mean
1	Relevance of Curriculum / Syllabus Their revision and update periodically	4.46
2	Curricular Planning, Design, Development, Transaction and Delivery in their Academic Programmes	4.64
3	Curricular Focus on Knowledge, Skills, Competence, Attitude, Communication Skill, Employability and Entrepreneurship	4.68
4	Curricular Enrichment through Value Added Programmes / Training / Workshops to enhance Skills, competence and Professionation	4.62
5	Orientation towards Syllabus / Curriculum (Content / Delivery/ Transaction / Evaluation) through Foundation / Induction / Orientation Programmes	4.80
6	Coverage of relevant and important topics like Environment, Climate Charge, Demography, Health Determinants, Human Rights, Values and Ethics in the curriculum	4.66
7	Scope for Co- Curricular Activities and Beyond curriculum scholarly Activities. Transaction Like Guest Lecture / Seminar / Assignments / Research / Group Discussion/ Field work / Internship / Community Posting.	4.82
	Overall mean score	4.66

Above table shows the aspect wise feedback score of second year B.Sc. Medical Biotechnology students on Relevance of Curriculum / Syllabus revision and update periodically, curriculum planning, design and development, coverage of relevant topics, curriculum enrichment and co-curricular activities etc.

Maximum aspects of curriculum feedback by second year B.Sc. Medical Biotechnology students having mean is 4.66

Opinion and suggestions: Overall suggestion given by the second year B.Sc. Medical Biotechnology students that curriculum was good and implemented properly and enjoyed curriculum and teaching learning

Representative opinion and suggestion given by the students about curriculum were as follows in verbatim form were as follows

1. More revision and regular weekly tests are required.
2. All the curriculum is done properly.

Table 5: Third year B.Sc. Medical Biotechnology student's aspect wise curriculum feedback

Sr. No.	Items	Mean
1	Relevance of Curriculum / Syllabus Their revision and update periodically	4.50
2	Curricular Planning, Design, Development, Transaction and Delivery in their Academic Programmes	4.10
3	Curricular Focus on Knowledge, Skills, Competence, Attitude, Communication Skill, Employability and Entrepreneurship	4.36
4	Curricular Enrichment through Value Added Programmes / Training / Workshops to enhance Skills, competence and Profession	4.42
5	Orientation towards Syllabus / Curriculum (Content / Delivery/ Transaction / Evaluation) through Foundation / Induction / Orientation Programmes	4.20
6	Coverage of relevant and important topics like Environment, Climate Charge, Demography, Health Determinants, Human Rights, Values and Ethics in the curriculum	4.16
7	Scope for Co- Curricular Activities and Beyond curriculum scholarly Activities. Transaction Like Guest Lecture / Seminar / Assignments / Research / Group Discussion/ Field work / Internship / Community Posting.	3.98
	Overall mean score	4.24

Above table shows the aspect wise feedback score of third year B.Sc. Medical Biotechnology students on Relevance of Curriculum / Syllabus revision and update periodically, curriculum planning, design and development, coverage of relevant topics, curriculum enrichment and cocurricular activities etc.

Maximum aspects of curriculum feedback by third year B.Sc. Medical Biotechnology students having mean is 4.24.

Opinion and suggestions: Overall suggestion given by the third year B.Sc. Medical Biotechnology students that curriculum was good and implemented properly and enjoyed curriculum and teaching learning.

Representative opinion and suggestion given by the students about curriculum were as follows in verbatim form were as follows

1. *Should conduct curriculum activities more often , and opportunities for internships for students.*
2. *Enhance extra curricular activities and focus on trainings and industrial visits etc.*

Table 06: M.Sc. Medical Biotechnology student’s curriculum feedback score

SN	Year	Frequency (n=15)		Total	Mean Feedback Score	SD
		Male	Female			
1	First Year	02	03	05	4.16	0.34
2	Second Year	02	08	10	4.02	0.19
	Overall	04	11	15	4.09	0.27

Above table shows that total 15 students gave there feedback and overall feedback score was 4.09, maximum students were saying curriculum is Good to very good. Year wise and aspect wise student’s feedback discussed further

M.Sc. Medical Biotechnology student's year wise and aspect wise curriculum feedback

Table 07: First year M.Sc. Medical Biotechnology student's aspect wise curriculum feedback

S.N	Items	Mean
1	Relevance of Curriculum / Syllabus Their revision and update periodically	4.20
2	Curricular Planning, Design, Development, Transaction and Delivery in their Academic Programmes	4.26
3	Curricular Focus on Knowledge, Skills, Competence, Attitude, Communication Skill, Employability and Entrepreneurship	3.98
4	Curricular Enrichment through Value Added Programmes / Training / Workshops to enhance Skills, competence and Professionation	4.12
5	Orientation towards Syllabus / Curriculum (Content / Delivery/ Transaction / Evaluation) through Foundation / Induction / Orientation Programmes	4.50
6	Coverage of relevant and important topics like Environment, Climate Charge, Demography, Health Determinants, Human Rights, Values and Ethics in the curriculum	3.90
7	Scope for Co- Curricular Activities and Beyond curriculum scholarly Activities. Transaction Like Guest Lecture / Seminar / Assignments / Research / Group Discussion/ Field work / Internship / Community Posting.	4.20
	Overall mean score	4.16

Above table shows the aspect wise feedback score of first year M.Sc. Medical Biotechnology students on Relevance of Curriculum / Syllabus revision and update periodically, curriculum planning, design and development, coverage of relevant topics, curriculum enrichment and co-curricular activities etc.

Maximum aspects of curriculum feedback by first year M.Sc. Medical biotechnology students having mean is 4.16

Opinion and suggestions: Overall suggestion given by the second year M.Sc. Medical Biotechnology students that curriculum was good and implemented properly and enjoyed curriculum and teaching learning

Representative opinion and suggestion given by the students about curriculum were as follows in verbatim form were as follows

1. *Some recent developments such as AI related aspect can be introduced to the upcoming batches Competitive exams.*
2. *Early exposure to career planning.*
3. *Excellent.*

Table 08: Second year M.Sc. Medical Biotechnology student's aspect wise curriculum feedback

S.N	Items	Mean
1	Relevance of Curriculum / Syllabus Their revision and update periodically	4.12
2	Curricular Planning, Design, Development, Transaction and Delivery in their Academic Programmes	4.20
3	Curricular Focus on Knowledge, Skills, Competence, Attitude, Communication Skill, Employability and Entrepreneurship	3.96
4	Curricular Enrichment through Value Added Programmes / Training / Workshops to enhance Skills, competence and Professionation	4.12
5	Orientation towards Syllabus / Curriculum (Content / Delivery/ Transaction / Evaluation) through Foundation / Induction / Orientation Programmes	4.20
6	Coverage of relevant and important topics like Environment, Climate Change, Demography, Health Determinants, Human Rights, Values and Ethics in the curriculum	4.00
7	Scope for Co- Curricular Activities and Beyond curriculum scholarly Activities, Transaction Like Guest Lecture/Seminar/Assignments/ Research /Group Discussion/Field work /Internship /Community Posting.	3.66
	Overall mean score	4.02

Above table shows the aspect wise feedback score of second year M.Sc. Medical Biotechnology students on Relevance of Curriculum / Syllabus revision and update periodically, curriculum planning, design and development, coverage of relevant topics, curriculum enrichment and co-curricular activities etc.

Maximum aspects of curriculum feedback by second year M.Sc. Medical Biotechnology students having mean is 4.02

Opinion and suggestions: Overall suggestion given by the second year M.Sc. Medical Biotechnology students that curriculum was good and implemented properly and enjoyed curriculum and teaching learning

Representative opinion and suggestion given by the students about curriculum were as follows in verbatim form were as follows

1. *Field visits should be there..*
2. *All is good about teaching and other activities.*
3. *All education is best.*

Summary and conclusion: Overall feedback given by students of undergraduate and postgraduate about curriculum was good. Opinion and suggestion given by the students were noted and forwarded to Director for further action.

Faculty feedback report on curriculum

Introduction

College of Biosciences and Technology, PIMS (DU) well known institute in Medical Biotechnology education across Maharashtra and India and follows curriculum given by UGC. We are having faculty as per norms, well qualified and well experienced. Faculty are most important stake holder for us and there feedback on curriculum, suggestion and opinion always important for us for continuous improvement in curriculum planning, revision and implementation to improve our self as renowned educational institute in nursing continuously and give best graduate

Every year we are obtaining curriculum feedback on Syllabus and Co-Curricular Aspects to upgrade Medical Biotechnology curriculum with changing trends and create competent professionals

For the present academic year 2023-2024 we obtained faculty feedback for B.Sc. Medical Biotechnology and M.Sc. Medical Biotechnology curriculum.

Faculty feedback collected from 05.07.2024-25.07.2024

Methodology

Feedback for academic year 2023-2024, Collected online by using Google form.

Faculty feedback on curriculum of 7 items on likert scale and 8th item consist of qualitative response of alumni related to Curriculum and Co-Curricular Aspects. Each question will carry five options on Likert Scale viz poor, average, good, very good & excellent carrying marks of 1, 2, 3, 4 & 5 respectively. An additional open box of opinion/suggestion will be placed at the end.

Overall feedback given by the students was assessed by taking averages.

Faculty feedback on curriculum

Table 1. Faculty feedback on Medical Biotechnology curriculum

SN	Programme	Mean Feedback score	SD
1	B.Sc Medical Biotechnology	4.77	0.13
2	M.Sc Medical Biotechnology	4.82	0.11

Above table shows the overall faculty feedback score was 4.74, and 4.82 of B.Sc. Medical Biotechnology and M.Sc. Medical Biotechnology respectively. Maximum professionals were saying curriculum is Very good to excellent. Programme, wise and aspect wise professional's feedback discussed further

Table 2: Aspect wise faculty feedback on semester pattern and annual pattern curriculum of B.Sc. Medical Biotechnology.

SN	Items	Mean
1	Relevance of Curriculum / Syllabus Their revision and update periodically	4.8
2	Curricular Planning, Design, Development, Transaction and Delivery in their Academic Programmes	4.8
3	Curricular Focus on Knowledge, Skills, Competence, Attitude, Communication Skill, Employability and Entrepreneurship	4.8
4	Curricular Enrichment through Value Added Programmes / Training / Workshops to enhance Skills, competence and Professionation	4.62
5	Orientation towards Syllabus / Curriculum (Content / Delivery/ Transaction / Evaluation) through Foundation / Induction / Orientation Programmes	5.0
6	Coverage of relevant and important topics like Environment, Climate Charge, Demography, Health Determinants, Human Rights, Values and Ethics in the curriculum	4.8
7	Scope for Co- Curricular Activities and Beyond curriculum scholarly Activities. Transaction Like Guest Lecture / Seminar / Assignments / Research / Group Discussion/ Field work / Internship / Community Posting.	4.62
	Overall mean score	4.77

Above table shows the aspect wise faculty feedback score of B.Sc. Medical Biotechnology curriculum on Relevance of Curriculum / Syllabus revision and update periodically, curriculum planning, design and development, coverage of relevant topics, curriculum enrichment and co curricular activities etc.

Maximum aspects of faculty curriculum feedback were having mean score 4.77

Opinion and suggestions: valuable suggestions given by the faculty on B.Sc. Medical Biotechnology curriculum. Representative opinion and suggestion given by the faculty about curriculum were as follows in verbatim form.

1. *Syllabus shall be revised with the syllabus of UGC-NET*
2. *Good Curriculum.*

Table 03: Aspect wise faculty M.Sc. Medical Biotechnology curriculum

SN	Items	Mean
1	Relevance of Curriculum / Syllabus Their revision and update periodically	4.6
2	Curricular Planning, Design, Development, Transaction and Delivery in their Academic Programmes	4.8
3	Curricular Focus on Knowledge, Skills, Competence, Attitude, Communication Skill, Employability and Entrepreneurship	4.8
4	Curricular Enrichment through Value Added Programmes / Training / Workshops to enhance Skills, competence and Professionation	4.8
5	Orientation towards Syllabus / Curriculum (Content / Delivery/ Transaction / Evaluation) through Foundation / Induction / Orientation Programmes	5.0
6	Coverage of relevant and important topics like Environment, Climate Charge, Demography, Health Determinants, Human Rights, Values and Ethics in the curriculum	5.0
7	Scope for Co- Curricular Activities and Beyond curriculum scholarly Activities. Transaction Like Guest Lecture / Seminar / Assignments / Research / Group Discussion/ Field work / Internship / Community Posting.	4.8
	Overall mean score	4.82

Above table shows the aspect wise faculty feedback score of M.Sc. Medical Biotechnology curriculum on Relevance of Curriculum / Syllabus revision and update periodically, curriculum planning, design and development, coverage of relevant topics, curriculum enrichment and co curricular activities etc.

Maximum aspects of faculty curriculum feedback were having mean score 4.82

Opinion and suggestions: valuable suggestions given by the faculty on M.Sc. Medical Biotechnology curriculum

Representative opinion and suggestion given by the faculty about curriculum were as follows in verbatim form,

1. Overall good syllabus.
2. Syllabus revision necessary at some extent.

Summary and conclusion: Overall feedback given by faculty on B.Sc. Medical Biotechnology and M.Sc. Medical Biotechnology curriculum was good. Opinion and suggestion given by the students were noted and forwarded to Director for further action.

Professional's feedback on curriculum

Introduction

College of Biosciences and Technology, PIMS (DU) well known institute in Medical Biotechnology education across Maharashtra and India and follows curriculum given by UGC. We are obtaining feedback on various stakeholder i.e. students, faculty, alumni, employers and professionals. Professionals are most important stake holder for us and there feedback on curriculum, suggestion and opinion always important for us for continuous improvement in curriculum planning, revision and implementation to improve our self as renowned educational institute in Medical Biotechnology continuously and give best graduate

Every year we are obtaining curriculum feedback on Syllabus and Co-Curricular Aspects to upgrade Medical Biotechnology curriculum with changing trends and create competent professionals

For the present academic year 2023-2024 we obtained feedback from various professionals across India for B.Sc. Medical Biotechnology and M.Sc. Medical Biotechnology curriculum.

Professionals feedback collected from 05.07.2024-25.07.2024

Methodology

Feedback for academic year 2023-2024, Collected online by using Google form.

Professionals feedback on curriculum of 9 items on likert scale and 10th item consist of qualitative response of alumni related to Curriculum and Co-Curricular Aspects. Each question will carry five options on Likert Scale viz poor, average, good, very good & excellent carrying marks of 1, 2, 3, 4 & 5 respectively. An additional open box of opinion/suggestion will be placed at the end.

Overall feedback given by the students was assessed by taking averages

Professional's feedback on Medical Biotechnology curriculum

SN	Programme	Mean Feedback score	SD
1	B.Sc. Medical Biotechnology	4.40	0.11
2	M.Sc. Medical Biotechnology	4.48	0.24

Above table shows the overall professional feedback score was 4.40, and 4.48 of B.Sc. Medical Biotechnology and M.Sc. Medical Biotechnology respectively. Maximum professionals were saying curriculum is Very good to excellent. Programme, wise and aspect wise professional's feedback discussed further

Table 1: Aspect wise professional's feedback on semester pattern and annual pattern curriculum of B.Sc. Medical Biotechnology

SN	Items	Mean average score
1	Syllabus is suitable for the course	4.36
2	Curriculum developed and implemented has relevance to the local, regional, national and global health care needs.	4.33
3	Programme outcome of syllabus is well defined and clear.	4.66
4	Course outcome of syllabus is well defined and clear.	4.33
5	The courses have well balanced in theory and practical	4.38
6	Curriculum focus on competency /employability/entrepreneurship / skill development	4.33
7	Academic flexibility in curriculum which provides opportunity for students to pursue their interest.	4.44
8	How do you rates student's knowledge about soft skills, procedural skill, professionalism, communication skill required for profession.	4.33
9	Periodical syllabus revision as per changing health care needs.	4.48
	Overall average mean score	4.40

Above table shows the aspect wise professionals feedback score of B.Sc. Medical Biotechnology curriculum on Relevance of Curriculum / Syllabus revision and update periodically, curriculum planning, design and development, coverage of relevant topics, curriculum enrichment and co curricular activities etc.

Maximum aspects of professionals curriculum feedback were having mean score 4.40

Opinion and suggestions: Valuable suggestions given by the professionals on B.Sc. Medical Biotechnology curriculum. Representative opinion and suggestion given by the faculty about curriculum were as follows in verbatim form.

1. *Syllabus is informative and good.*
2. *Nicely framed*

Table 4: Aspect wise professional's feedback M.Sc. Medical Biotechnology curriculum

SN	Items	Mean average score
1	Syllabus is suitable for the course	5.0
2	Curriculum developed and implemented has relevance to the local, regional, national and global health care needs.	4.33
3	Programme outcome of syllabus is well defined and clear.	4.66
4	Course outcome of syllabus is well defined and clear.	4.66
5	The courses have well balanced in theory and practical	4.33
6	Curriculum focus on competency /employability/entrepreneurship / skill development	4.33
7	Academic flexibility in curriculum which provides opportunity for students to pursue their interest.	4.33
8	How do you rates student's knowledge about soft skills, procedural skill, professionalism, communication skill required for profession.	4.33
9	Periodical syllabus revision as per changing health care needs.	4.33
	Overall average mean score	4.48

Above table shows the aspect wise professionals feedback score of M.Sc. Medical Biotechnology curriculum on Relevance of Curriculum / Syllabus revision and update periodically, curriculum planning, design and development, coverage of relevant topics, curriculum enrichment and co curricular activities etc.

Maximum aspects of professionals curriculum feedback were having mean score 4.48

Opinion and suggestions: Valuable suggestions given by the nursing professionals on M.Sc. Medical Biotechnology curriculum

Representative opinion and suggestion given by the professionals about curriculum were as follows in verbatim form,

1. *Syllabus is well defined.*

2. *Syllabus is nice.*

Summary and conclusion: Overall feedback given by professional's feedback on Basic B.Sc. Medical Biotechnology and M.Sc. Medical Biotechnology curriculum was good. Opinion and suggestion given by the students were noted and forwarded to Director for further action.

Alumni feedback report on curriculum

Introduction

College of Biosciences and Technology, PIMS (DU), having well established alumni association and every year they organizes various educational activity of alumni. Our alumni after graduation working across the globe and serving various reputed and renowned organization on various capacities in clinical and educational setup.

There suggestion and opinion always important for us for continuous improvement in curriculum planning, revision and implementation to improve our self as renowned educational institute in Medical Biotechnology continuously and give best graduate

Every year we are obtaining curriculum feedback on Syllabus and Co-Curricular Aspects to upgrade nursing curriculum with changing trends and create competent professionals

Alumni feedback collected from 05.07.2024-25.07.2024

Methodology

Feedback for academic year 2023-2024, Collected online by using Google form.

Alumni feedback format consist total 9 items on likert scale and 10th item consist of qualitative response of alumni related to Curriculum and Co-Curricular Aspects. Each question will carry five options on Likert Scale viz poor, average, good, very good & excellent carrying marks of 1, 2, 3, 4 & 5 respectively. An additional open box of opinion/suggestion will be placed at the end. Overall feedback given by the students was assessed by taking averages.

Alumni feedback analysis

Table 1 Alumni feedback as per Undergraduate and postgraduate qualification from College of Biosciences and Technology, PIMS (DU), Loni Bk n=29

SN	Alumni of UG & PG programme	Frequency	Percentage	Mean	SD
1	Undergraduate	08	27.58	4.32	0.29
2	Postgraduate	21	72.41	4.04	0.20
	Overall	29	100	4.33	0.23

Above table shows that maximum undergraduate alumni 08(27.58%) with mean score 4.62 and postgraduate alumni 21(72.41) with mean score 4.04 gave feedback on curriculum. With overall mean score 4.04.

Table 2 Aspect wise feedback of graduate (B.Sc. Medical Biotechnology) alumni on curriculum

n=8

SN	Items	Mean
1	Relevance of Curriculum / Syllabus revision and update periodically	4.80
2	Curricular Planning, Design, Development, Transaction and Delivery in their Academic Programmes	4.62
3	Curricular Focus on Knowledge, Skills, Competence, Attitude, Communication Skill, Employability and Entrepreneurship	4.22
4	Curricular Enrichment through Value Added Programmes / Training /Workshops to enhance Skills, competence and Professionation	3.90
5	Orientation towards Syllabus / Curriculum (Content / Delivery/Transaction / Evaluation) through Foundation / Induction / Orientation Programmes	4.18
6	Coverage of relevant and important topics like Environment, Climate Change, Demography, Health Determinants, Human Rights, Values and Ethics in the curriculum	4.42
7	Scope for Co- Curricular Activities and Beyond curriculum scholarly Activities. Transaction Like Guest Lecture / Seminar / Assignments /Research / Group Discussion/ Field work / Internship / Community Posting	4.26
8	Clinical material and Learning Resources at Hospital, Learning Resources Community	3.98
9	Guidance, Mentorship, Peer Learning, hand holding	4.52
	Overall mean	4.32

Above table shows the aspect wise feedback score of undergraduate alumni on Relevance of Curriculum / Syllabus revision and update periodically, curriculum planning, design and development, coverage of relevant topics, curriculum enrichment etc.

Maximum aspects of curriculum feedback by alumni having mean score above 4.32

Opinion and suggestions: Overall suggestion given by the graduate alumni were curriculum was good and implemented properly and enjoyed curriculum and teaching learning

Representative opinion and suggestion given by the students about curriculum were as follows in verbatim form were as follows

1. The syllabus should be according to the compitative exams like ICMR JRF, CSIR-NET
2. More handsome on relevant topics to be added.

Table 3 Aspect wise feedback of post graduate alumni on curriculum

n=21

SN	Items	Mean
1.	Relevance of Curriculum / Syllabus revision and update periodically	3.66
2	Curricular Planning, Design, Development, Transaction and Delivery in their Academic Programmes	4.11
3	.Curricular Focus on Knowledge, Skills, Competence, Attitude, Communication Skill, Employability and Entrepreneurship	4.33
4	Curricular Enrichment through Value Added Programmes / Training /Workshops to enhance Skills, competence and Professionation	4.11
5	Orientation towards Syllabus / Curriculum (Content / Delivery/Transaction / Evaluation) through Foundation / Induction / Orientation Programmes	4.00
6	Coverage of relevant and important topics like Environment, Climate Change, Demography, Health Determinants, Human Rights, Values and Ethics in the curriculum	4.00
7	Scope for Co- Curricular Activities and Beyond curriculum scholarly Activities. Transaction Like Guest Lecture / Seminar / Assignments /Research / Group Discussion/ Field work / Internship / Community Posting	4.11
8	Clinical material and Learning Resources at Hospital, Learning Resources Community	4.00
9	Guidance, Mentorship, Peer Learning, hand holding	4.21
	Overall mean	4.04

Above table shows the aspect wise feedback score of post undergraduate alumni on relevance of Curriculum / Syllabus revision and update periodically, curriculum planning, design and development, coverage of relevant topics, curriculum enrichment etc.

Maximum aspects of curriculum feedback by postgraduate alumni having mean score above 4.04

Opinion and suggestions: Overall suggestion given by the post graduate alumni were curriculum was good and implemented properly and enjoyed curriculum and teaching learning

Representative opinion and suggestion given by the students about curriculum were as follows in verbatim form were as follows

1. *Syllabus should be oriented towards industrial and entrepreneurial aspects.*
2. *The syllabus should be revised according to CSIR-NET*
3. *Do the Co-curriculum activities.*
4. *It will be beneficial to every student if college adopts industry oriented and application based syllabus.*

Summary and conclusion: Overall feedback given by alumni about curriculum was good and maximum alumni were satisfied. Few suggestion given by alumni were discussed and included for further action

Employer's feedback report

Introduction

College of Biosciences and Technology, PIMS (DU) Loni Bk. Our alumni after graduation working across the globe and serving various reputed and renowned organization on various capacities in clinical and educational setup.

Employer's feedback about our alumni where they work is always important for us for continuous improvement in curriculum planning, revision and implementation to improve our self as renowned educational institute in Medical Biotechnology continuously and give best graduates

Employer's feedback collected from 05.07.2024-30.07.2024 from 06 employers

Methodology

Feedback for academic year 2023-2024, Collected online by using Google form.

Employers feedback format consist total 13 items on likert scale and 14th item consist of qualitative response of alumni related to Curriculum and Co-Curricular Aspects in terms of opinion and suggestions. Each question will carry five options on Likert Scale viz poor, average, good, very good & excellent carrying marks of 1, 2, 3, 4 & 5 respectively. An additional open box of opinion/suggestion will be placed at the end.

Overall feedback given by the employers was assessed by taking averages

Employer's feedback about our alumni

In detail aspect wise analysis of employers feedback discusses in following table

Table 1. Aspect wise analysis of Employer's feedback about our alumni n=06

SN	Items	Mean score
1	Performance of our graduate	4.66
2	Adoption of new technology as per requirement	4.66
3	Leadership abilities	4.33
4	Professional abilities	4.66
5	Ethical practice	5.00
6	Communication skills	5.00
7	Developing practical solutions to work place problems	5.00

8	Working as part of a team	5.00
9	Creative in response to workplace challenges	5.00
10	Self-motivated and taking on appropriate level of responsibility	4.66
11	Open to new ideas and learning new techniques	4.33
12	Using technology and workplace equipment	4.33
13	To contribute to the goal of the organization	5.00
	Overall mean score	4.76

Above table shows that maximum number of employers gave good feedback about our alumni and our alumni working efficiently and serving other organization at maximum.

Performance, leadership, communication skills, working as a part of team technology friendly and contribution to the goal of organization were well appreciated of our alumni and average score in each aspect is above 4 out of 5

Opinion and suggestions: Overall suggestions given by employers about our alumni were very good and excellent.

Representative opinion, suggestion and remarks given by the employers about our alumni are as follows in verbatim form as follows

1. Overall good performance

Summary and conclusion: Overall feedback given by employers about our of Graduate and postgraduate about curriculum was good. Opinion and suggestion given by the employers were noted and forwarded to Director for further action.


Mr. Ganesh P. Vikhe
Feedback Co-ordinator (CBT)
PIMS- DU, Loni




Dr. Raghavendra HL
DIRECTOR
College of Biosciences and Technology
(Formerly Centre for Biotechnology)
Pravara Institute of Medical Sciences (DU)
Loni --413736, Tal-Rahata, Dist-Ahmednagar
Maharashtra State, India.

ANNEXURE I

Student's Feedback on Curriculum

Note:

1. Each question will carry five options on Likert Scale viz poor, average, good, very good & excellent carrying marks of 1, 2, 3, 4 & 5 respectively.
2. An additional open box of opinion/suggestion will be placed at the end.
3. Overall feedback given by the students be assessed by taking averages.



Poor Excellent

Feed Back on Curriculum – Syllabus and Co-Curricular Aspects						
Sr. No.	Question	1	2	3	4	5
1	Relevance of Curriculum / Syllabus Their revision and update periodically					
2	Curricular Planning, Design, Development, Transaction and Delivery in their Academic Programmes					
3	Curricular Focus on Knowledge, Skills, Competence, Attitude, Communication Skill, Employability and Entrepreneurship					
4	Curricular Enrichment through Value Added Programmes / Training /Workshops to enhance Skills, competence and Professionation					
5	Orientation towards Syllabus / Curriculum (Content / Delivery/ Transaction / Evaluation) through Foundation / Induction / Orientation Programmes					
6	Coverage of relevant and important topics like Environment, Climate Change, Demography, Health Determinants, Human Rights, Values and Ethics in the curriculum					
7	Scope for Co- Curricular Activities and Beyond curriculum scholarly Activities. Transaction Like Guest Lecture / Seminar / Assignments / Research / Group Discussion/ Field work / Internship / Community Posting.					
8	Suggestion and Recommendations on curricular Aspect / Syllabus					

ANNEXURE II

Faculty Feedback on Curriculum

Note:

1. Each question will carry five options on Likert Scale viz poor, average, good, very good & excellent carrying marks of 1, 2, 3, 4 & 5 respectively.
2. An additional open box of opinion/suggestion will be placed at the end.
3. Overall feedback given will be assessed by taking averages

Feed Back on Curriculum – Syllabus and Co-curricular Aspects						
Sr. No.	Question	1	2	3	4	5
1	Relevance of Curriculum / Syllabus Their revision and update periodically					
2	Curricular Planning, Design, Development, Transaction and Delivery in their Academic Programmes					
3	Curricular Focus on Knowledge, Skills, Competence, Attitude, Communication Skill, Employability and Entrepreneurship					
4	Curricular Enrichment through Value Added Programmes / Training / Workshops to enhance Skills, competence and Professionation					
5	Orientation towards Syllabus / Curriculum (Content / Delivery/ Transaction / Evaluation) through Foundation / Induction / Orientation Programmes					
6	Coverage of relevant and important topics like Environment, Climate Change, Demography, Health Determinants, Human Rights, Values and Ethics in the curriculum					
7	Scope for Co- Curricular Activities and Beyond curriculum scholarly Activities. Transaction Like Guest Lecture / Seminar / Assignments / Research / Group Discussion/ Field work / Internship / Community Posting.					
8	Suggestion and Recommendations on curricular Aspect / Syllabus					

ANNEXURE III

Feedback of Professionals

AY 2022-2023

1	Name of the Professional	
2	Designation	
3	Name and address of organization	
4	Faculty –Medical/Dental/Physiotherapy/Nursing /Biotechnology /CSM/ Other	
4	Email (organizations)	
5	Total experience	

Please tick (✓) mark for appropriate option

SN	Questions	Poor 1	Average 2	Good 3	Very good 4	Excellent 5
1	Syllabus is suitable for the course					
2	Curriculum developed and implemented has relevance to the local, regional, national and global health care needs.					
3	Programme outcome of syllabus is well defined and clear.					
4	Course outcome of syllabus is well defined and clear.					
5	The courses have well balanced in theory and practical					
6	Curriculum focus on competency /employability/entrepreneurship / skill development					
7	Academic flexibility in curriculum which provides opportunity for students to pursue their interest.					
8	How do you rates student's knowledge about soft skills, procedural skill, professionalism, communication skill required for profession.					
9	Periodical syllabus revision as per changing health care needs.					

Opinion and suggestions

ANNEXURE IV

ALUMNI FEEDBACK ON CURRICULUM

Note:

1. Each question will carry five options on Likert Scale viz poor, average, good, very good & excellent carrying marks of 1, 2, 3, 4 & 5 respectively.
2. An additional open box of opinion/suggestion will be placed at the end.
3. Overall feedback given will be assessed by taking averages

Poor ~~Excellent~~

Feed Back on Curriculum – Syllabus and Co-Curricular Aspects						
Sr. No.	Question	1	2	3	4	5
1	Relevance of Curriculum / Syllabus Their revision and update periodically					
2	Curricular Planning, Design, Development, Transaction and Delivery in their Academic Programmes					
3	Curricular Focus on Knowledge, Skills, Competence, Attitude, Communication Skill, Employability and Entrepreneurship					
4	Curricular Enrichment through Value Added Programmes / Training /Workshops to enhance Skills, competence and Professionation					
5	Orientation towards Syllabus / Curriculum (Content / Delivery/ Transaction / Evaluation) through Foundation / Induction / Orientation Programmes					
6	Coverage of relevant and important topics like Environment, Climate Change, Demography, Health, Determinants, Human Rights, Values and Ethics in the curriculum					
7	Scope for Co- Curricular Activities and Beyond curriculum scholarly Activities. Transaction Like Guest Lecture / Seminar / Assignments / Research / Group Discussion/ Field work / Internship / Community Posting.					
8	Suggestion and Recommendations on curricular Aspect / Syllabus					

ANNEXURE V

Employer Feedback Form

1	Name of the employee:	
2	Name and address of organization:	
3	Email (organizations)	
4	Correspondence details of organization	
5	Present designation	
6	Total experience	
7	No of years experience in present organization	

To be filled by reporting authority
Please tick (✓) mark for appropriate option

SN	QUESTIONS	Poor 1	Average 2	Good 3	Very good 3	Excellent 5
1	Performance of our graduate					
2	Adoption of new technology as per requirement					
3	Leadership abilities					
4	Professional abilities					
5	Ethical practice					
6	Communication skills					
7	Developing practical solutions to work place problems					
8	Working as part of a team					
9	Creative in response to workplace challenges					
10	Self-motivated and taking on appropriate level of responsibility					
11	Open to new ideas and learning new techniques					
12	Using technology and workplace equipment					
13	To contribute to the goal of the organization					

Opinion and Suggestions: