

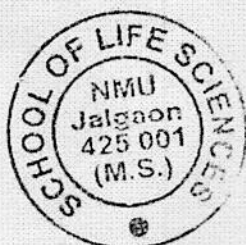
North Maharashtra University, Jalgaon
School Of Life Sciences
Feedback Action Taken Report Academic Year 2016- 2017


The school collects feedback on curriculum aspects and courses from different stakeholders such as students, alumni, faculty, employers. After feedback is analysis and valuable suggestions given are considered and necessary actions was implemented. Based on the stakeholder feedback, appropriate decisions were made as notified in the following table.

Sr. No.	Stack holder	Remark	Action taken
1.	Students (54)	<ul style="list-style-type: none"> The University and the Institution should collectively devise a way to develop Communication and Technological Skills among students. Theoretical topics as well as Practical's relating to Technological Skills can be included to more extent to make the students globally competent. Certificate courses should be started by university. 	<ul style="list-style-type: none"> Efforts will be taken to start some programs on soft skill development at both school and university level. Will be taken into consideration, while revising the syllabus. Will be started from academic year 2018-19 and 2019-2020
2.	Alumni (08)	<ul style="list-style-type: none"> National and international collaborations are need to develop to increase horizons of students. 	<ul style="list-style-type: none"> Efforts will be made in this direction
3.	Parents (05)	<ul style="list-style-type: none"> Drinking water facility can be enhanced. The syllabi should be made comprehensive so that students get exposed to larger possible area of the subject. 	<ul style="list-style-type: none"> Done, a RO based water purifier has been installed in the school.
4.	Teachers (08)	<ul style="list-style-type: none"> Practical courses can be redesigned on the basis of instrumentation at school and industry demands. Practical courses may be further updated focusing on skill based and simultaneous industry or job oriented experiments. 	<ul style="list-style-type: none"> Will be taken into consideration during syllabus revision.
5.	Employer (01)	<ul style="list-style-type: none"> Advanced teaching modules with hands on training need to be added in curriculum and basic knowledge is asset and need to be groomed for industrial atmosphere. 	<ul style="list-style-type: none"> Workshop for hands on training for sophisticated instruments in being organized for the students.

Action Taken

- It is discussed in departmental meeting to start some programs on soft skill development.
- Syllabus related feedbacks are forwarded to Board of studies and should considered while revising the syllabus.
- Certificated course started from academic year 2018-19, planned for 2019-2020.
- RO based water purifier has been installed in the school.
- The workshop for hands on training for sophisticated instruments in being organized for the students.



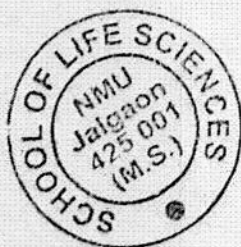

Prof. V.L. Maheshwari
 Director, School of Life Science
 North Maharashtra University, Jalgaon


28 JUL 2017

North Maharashtra University, Jalgaon
School Of Life Sciences
Feedback Report Academic Year 2016- 2017

The School of Life Sciences collects feedback from stack holders like students, Parents, Alumni and Employer. Subsequently, the feedbacks analyzed by faculty's and a comprehensive report is prepared with the feedback of teachers are considered for enhancements.

Sr. No.	Stack holder	Feedback received	Remark
1.	Students	54	<ul style="list-style-type: none"> The University and the Institution should collectively devise a way to develop Communication and Technological Skills among students. Theoretical topics as well as Practical's relating to Technological Skills can be included to more extent to make the students globally competent. Certificate courses should be started by university.
2.	Alumni	08	<ul style="list-style-type: none"> National and international collaborations are need to develop to increase horizons of students.
3.	Parents	05	<ul style="list-style-type: none"> Drinking water facility can be enhanced. The syllabi should be made comprehensive so that students get exposed to larger possible area of the subject.
4.	Teachers	08	<ul style="list-style-type: none"> Practical courses can be redesigned on the basis of instrumentation at school and industry demands. Practical courses may be further updated focusing on skill based and simultaneous industry or job oriented experiments.
5.	Employer	01	<ul style="list-style-type: none"> Advanced teaching modules with hands on training need to be added in curriculum and basic knowledge is asset and need to be groomed for industrial atmosphere.





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School Of Life Sciences
Feedback Report Academic Year 2016- 2017

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Sr. No.	Stack holder	Feedback received	Remark
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4.	Teachers	08	<ul style="list-style-type: none"> Practical courses can be redesigned on the basis of instrumentation at school and industry demands. Practical courses may be further updated focusing on skill based and simultaneous industry or job oriented experiments.
5.	Employer	01	<ul style="list-style-type: none"> Advanced teaching modules with hands on training need to be added in curriculum and basic knowledge is asset and need to be groomed for industrial atmosphere.




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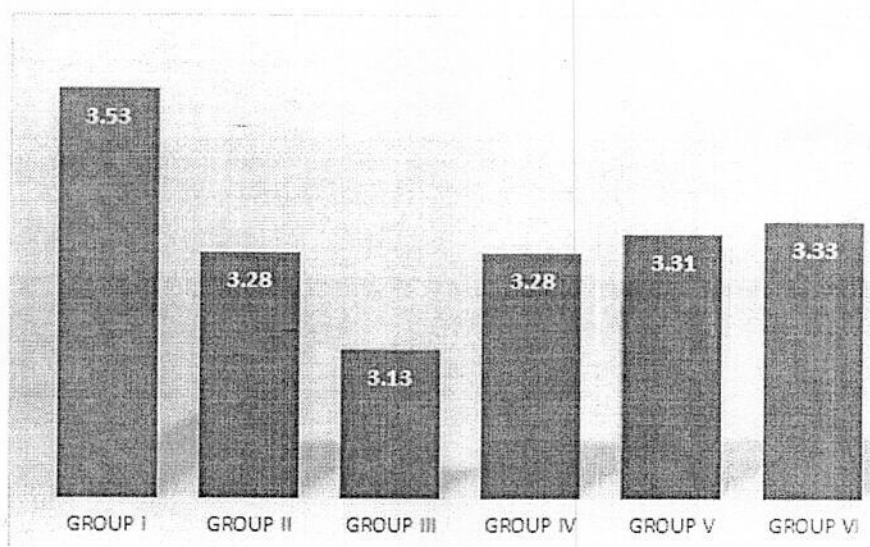
North Maharashtra University, Jalgaon
School Of Life Sciences
Students Feedback analysis Academic Year 2016- 2017

Criteria		Average			School of life sciences
		Biochemistry	Microbiology	Biotechnology	
GROUP I	Quality of teaching	3.62	3.41	3.56	3.53
GROUP II	Relating course content with skill development	3.4	3.26	3.2	3.28
GROUP III	Innovative teaching method	3.2	3.17	3.04	3.13
GROUP IV	Course coverage and punctuality	3.36	3.2	3.29	3.28
GROUP V	Evaluation ability	3.13	3.58	3.22	3.31
GROUP VI	Facilitating and motivation capacity	3.13	3.58	3.3	3.33

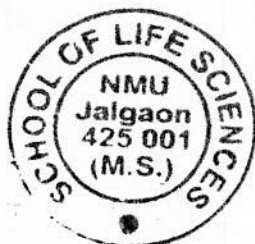
Number of feedback: Biochemistry =15, Microbiology = 17 and Biotechnology = 22

Score information

1. Unsatisfactory
2. Satisfactory
3. Good
4. Very good



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(Signature)
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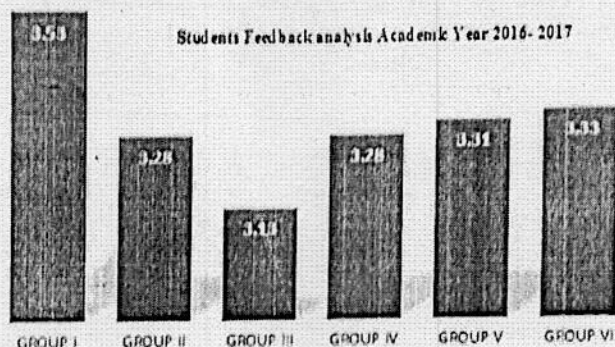
Director
 School of Life Sciences,
 North Maharashtra University.

North Maharashtra University, Jalgaon
School Of Life Sciences
Students Feedback analysis Academic Year 2016- 2017

Criteria		Average			School of life sciences
		Biochemistry	Microbiology	Biotechnology	
GROUP I	Quality of teaching	3.62	3.41	3.56	3.53
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GROUP VI	Facilitating and motivation capacity	3.13	3.58	3.3	3.33

Score Information: (1) Unsatisfactory (2) Satisfactory (3) Good (4) Very good

Number of feedback: Biochemistry =15, Microbiology = 17 and Biotechnology = 22

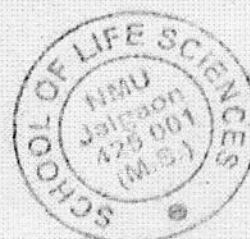
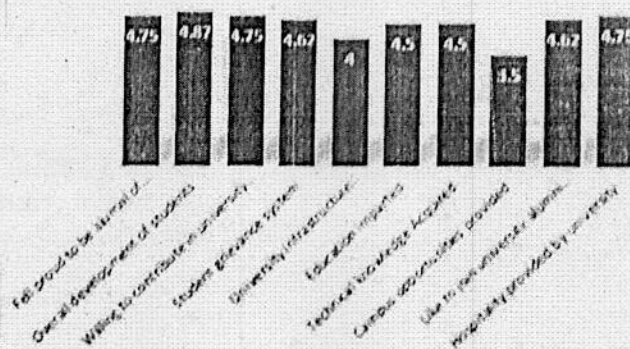


Alumni Feedback analysis Academic Year 2016- 2017

Number of feedback: 08		Score
Criteria		
Question I	Fell proud to be alumni of university	4.75
Question II	Overall development of students	4.87
Question III	Willing to contribute in university development	4.75
Question IV	Student grievance system	4.62
Question V	University Infrastructure (laboratories, equipment's and practical experiences)	4.00
Question VI	Education imparted	4.50
Question VII	Technical knowledge Acquired	4.50
Question VIII	Campus opportunities provided	3.50
Question IX	Like to join university alumni association	4.62
Question X	Hospitality provided by university	4.75

Score Information: (1) Strongly disagree (2) Disagree (3) Not sure (4) Agree (5) Strongly agree

Alumni Feedback analysis Academic Year 2016- 2017



North Maharashtra University, Jalgaon
School Of Life Sciences
Parents Feedback analysis Academic Year 2016- 2017

Number of feedback:05		Score
Criteria		
Question I	Quality of teaching	4.8
Question II	Examination system	2.6
Question III	Curriculum of program was good skill based	4.8
Question IV	Technical knowledge and communication skills acquired by ward's	4.4
Question V	Administrative procedures are friendly	4.0
Question VI	Facilities of university	3.13
Question VII	Course favorability for students development	4.4

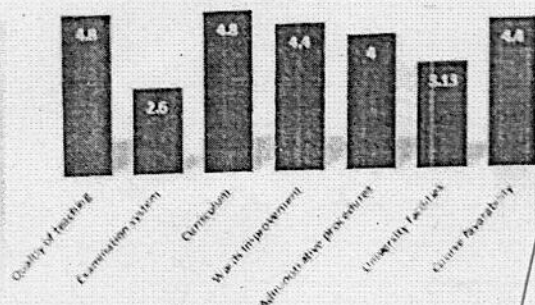
Score information: (1) Strongly disagree (2) Disagree (3) Not sure (4) Agree (5) Strongly agree

Teachers Feedback analysis and Report Academic Year 2016- 2017

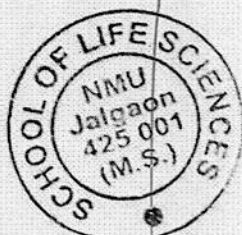
Number of feedback: 08		Score
Criteria		
1	Current Necessity of syllabus	3.87
2	Current content in syllabus	4.25
3	Programme outcomes are well defined	3.87
4	Academic flexibility of syllabus	4.00
5	Course content fulfils the need of students	4.25
6	Need of review of the syllabus	3.50
7	Curriculum developed expected skills in students	4.25
8	Curriculum design is job oriented	4.25

Score Information: (1) Strongly disagree (2) Disagree (3) Not sure (4) Agree (5) Strongly agree

Parents Feedback Academic Year 2016-17



Teachers Feedback analysis and Report Academic Year 2016- 2017



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School Of Life Sciences
Parents Feedback analysis Academic Year 2016- 2017

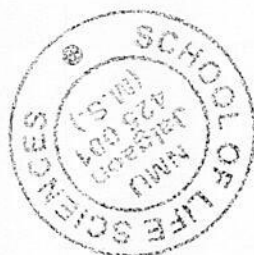
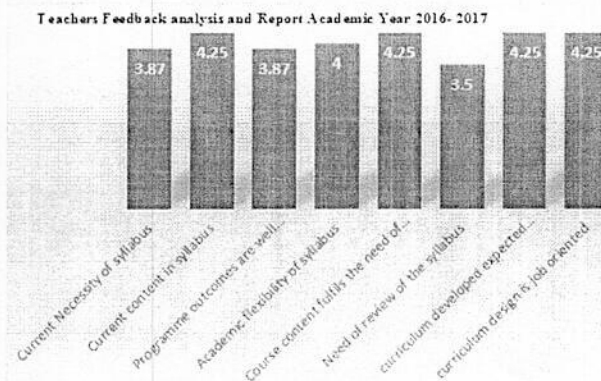
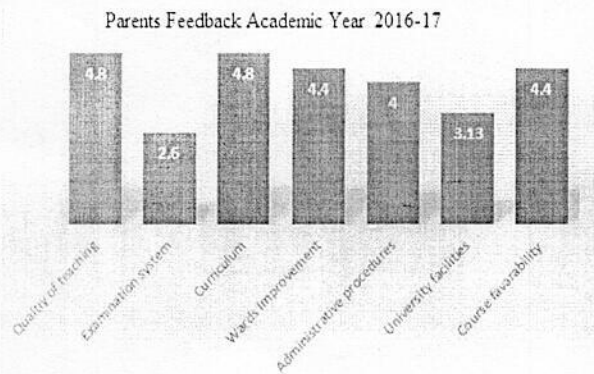
Number of feedback:05		Score
Criteria		
Question I	Quality of teaching	4.8
Question II	Examination system	2.6
Question III	Curriculum of program was good skill based	4.8
Question IV	Technical knowledge and communication skills acquired by ward's	4.4
Question V	Administrative procedures are friendly	4.0
Question VI	Facilities of university	3.13
Question VII	Course favorability for students development	4.4


Score information: (1) Strongly disagree (2) Disagree (3) Not sure (4) Agree (5) Strongly agree

Teachers Feedback analysis and Report Academic Year 2016- 2017

Number of feedback: 08		Score
Criteria		
1	Current Necessity of syllabus	3.87
2	Current content in syllabus	4.25
3	Programme outcomes are well defined	3.87
4	Academic flexibility of syllabus	4.00
5	Course content fulfils the need of students	4.25
6	Need of review of the syllabus	3.50
7	Curriculum developed expected skills in students	4.25
8	Curriculum design is job oriented	4.25

Score information: (1) Strongly disagree (2) Disagree (3) Not sure (4) Agree (5) Strongly agree




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School Of Life Sciences
Feedback Action Taken Report Academic Year 2017- 2018

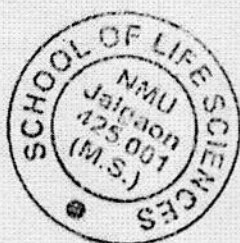
The school collects feedback on curriculum aspects and courses from different stakeholders such as students, alumni, faculty, employers. After feedback is analysis and valuable suggestions given are considered and necessary actions was implemented.

Based on the stakeholder feedback, appropriate decisions were made as notified in the following table.

Sr. No.	Stack holder	Remark	Action taken
1.	Students (38)	<ul style="list-style-type: none"> The course contents should be upgraded to include the new developments in the field including more choices. University should clearly focus the value-based approach of the Curriculum. Steps should also be taken to develop 'Social Skills' among students. More workshop and training programmes should be conducted for the benefit of students. 	<ul style="list-style-type: none"> The course content can be upgraded as per need. The skill based programs are decided and suggestion are forwarded to BOS The instrumental training workshop is planned in upcoming academic year.
2.	Alumni (11)	<ul style="list-style-type: none"> The social skills and social values' should be developed through curriculum in case of Science Faculty. Feedback system can be digitalized which help to submit quick and proper feed back 	<ul style="list-style-type: none"> Feedback system has been digitized partially
3.	Parents (04)	<ul style="list-style-type: none"> Placement cell must be improved Medical centre upgraded to get quick first aid 	<ul style="list-style-type: none"> ----
4.	Teachers (08)	<ul style="list-style-type: none"> Some unnecessary or irrelevant topic to current scenario need to be omitted. Industry visits and some exposure to industry can be done through curriculum. The objective in upcoming syllabus updating must be clearly defined and more focus on flexibility is suggested. 	<ul style="list-style-type: none"> Will be done during syllabus revision.

Action taken

- It is suggested to Board of studies to upgrade as per need and the skill based programs are decided.
- The instrumental training workshop is planned in upcoming academic year.
- Feedback system has been digitized partially



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North Maharashtra University, Jalgaon

School Of Life Sciences

Feedback Report Academic Year 2017- 2018

The School of Life Sciences collects feedback from stack holders like students, Parents, Alumni and Employer. Subsequently, the feedbacks analyzed by faculty's and a comprehensive report is prepared with the feedback of teachers are considered for enhancements.

Sr. No.	Stack holder	Feedback received	Remark
5.	Students	88	<ul style="list-style-type: none">• The course contents should be upgraded to include the new developments in the field including more choices.• University should clearly focus the value-based approach of the Curriculum. Steps should also be taken to develop 'Social Skills' among students.• More workshop and training programmes should be conducted for the benefit of students.
6.	Alumni	11	<ul style="list-style-type: none">• The social skills and social values' should be developed through curriculum in case of Science Faculty.• Feedback system can be digitalized which help to submit quick and proper feed back
7.	Parents	04	<ul style="list-style-type: none">• Placement cell must be improved• Medical centre upgraded to get quick first aid
8.	Teachers	08	<ul style="list-style-type: none">• Some unnecessary or irrelevant topic to current scenario need to be omitted.• Industry visits and some exposure to industry can be done through curriculum.• The objective in upcoming syllabus updating must be clearly defined and more focus on flexibility is suggested.



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North Maharashtra University, Jalgaon

School Of Life Sciences

Feedback Report Academic Year 2017- 2018

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2.	Alumni	11	<ul style="list-style-type: none">The social skills and social values' should be developed through curriculum in case of Science Faculty.Feedback system can be digitalized which help to submit quick and proper feed back
3.	Parents	04	<ul style="list-style-type: none">Placement cell must be improvedMedical centre upgraded to get quick first aid
4.	Teachers	08	<ul style="list-style-type: none">Some unnecessary or irrelevant topic to current scenario need to be omitted.Industry visits and some exposure to industry can be done through curriculum.The objective in upcoming syllabus updating must be clearly defined and more focus on flexibility is suggested.



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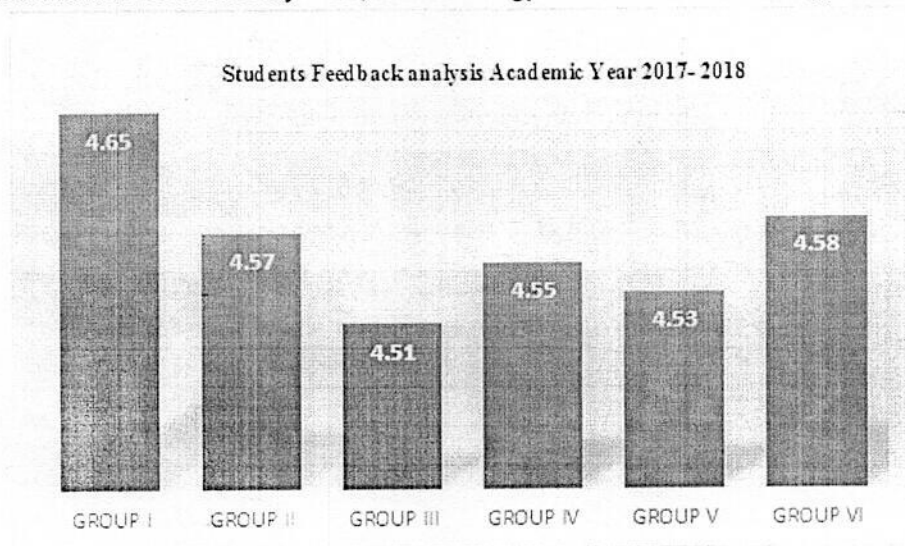
School Of Life Sciences


Students Feedback analysis Academic Year 2017- 2018

Criteria		Average			School of life sciences
		Biochemistry	Microbiology	Biotechnology	
GROUP I	Quality of teaching	4.21	4.27	4.27	4.65
GROUP II	Relating course content with skill development	4.02	4.28	4.13	4.57
GROUP III	Innovative teaching method	4.14	4.27	4.25	4.51
GROUP IV	Course coverage and punctuality	4.30	4.27	4.52	4.55
GROUP V	Evaluation ability	4.15	4.15	4.52	4.53
GROUP VI	Facilitating and motivation capacity	4.15	4.29	4.34	4.58

Score information: (1) Very poor (2) Poor (3) Moderate (4) Good (5) Very good

Number of feedback: Biochemistry = 29, Microbiology = 31 and Biotechnology = 28 (Total = 88)




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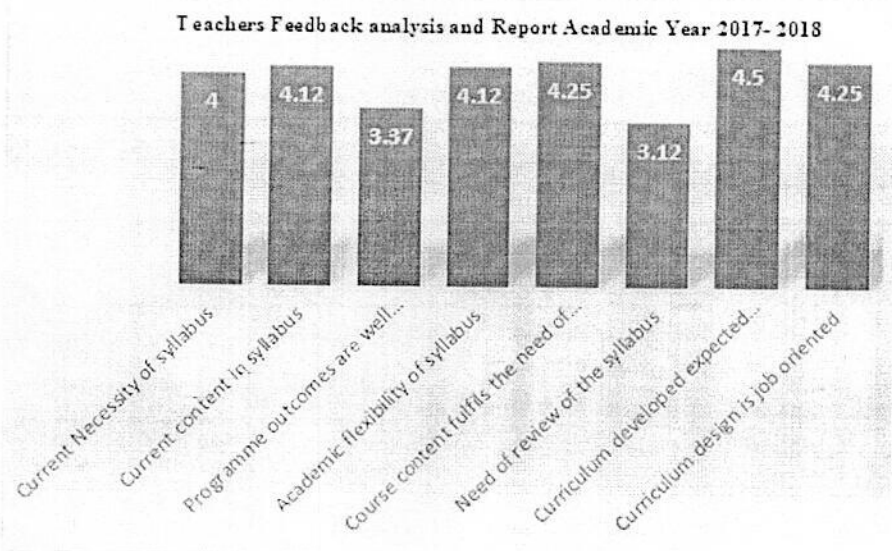
North Maharashtra University, Jalgaon


School Of Life Sciences

Teachers Feedback analysis and Report Academic Year 2017- 2018

Number of feedback: 08	Score
Criteria	
Current Necessity of syllabus	4.00
Current content in syllabus	4.12
Programme outcomes are well defined	3.37
Academic flexibility of syllabus	4.12
Course content fulfils the need of students	4.25
Need of review of the syllabus	3.12
Curriculum developed expected skills in students	4.50
Curriculum design is job oriented	4.25

Score information: (1) Strongly disagree (2) Disagree (3) Not sure (4) Agree (5) Strongly agree




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School Of Life Sciences

Alumni Feedback analysis Academic Year 2017- 2018

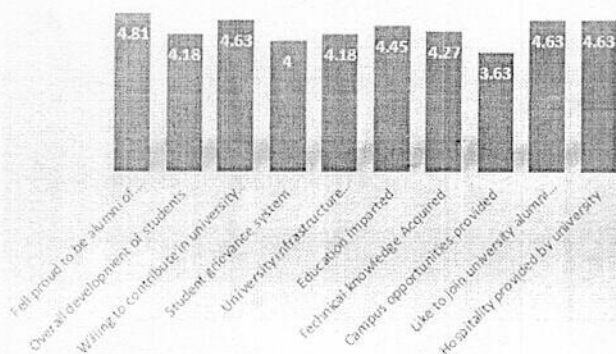
Number of feedback: 11		Score
Criteria		
Question I	Fell proud to be alumni of university	4.81
Question II	Overall development of students	4.18
Question III	Willing to contribute in university development	4.63
Question IV	Student grievance system	4.00
Question V	University infrastructure (laboratories, equipment's and practical experiences)	4.18
Question VI	Education imparted	4.45
Question VII	Technical knowledge Acquired	4.27
Question VIII	Campus opportunities provided	3.63
Question IX	Like to join university alumni association	4.63
Question X	Hospitality provided by university	4.63

Parents Feedback analysis Academic Year 2017- 2018

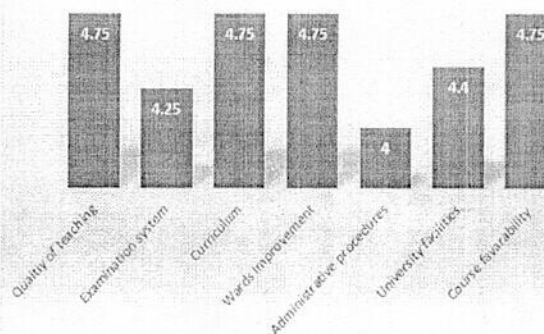
Number of feedback: 04		Score
Criteria		
Question I	Quality of teaching	4.75
Question II	Examination system	4.25
Question III	Curriculum of program was good skill based	4.75
Question IV	Technical knowledge and communication skills acquired by ward's	4.75
Question V	Administrative procedures are friendly	4.0
Question VI	Facilities of university	4.4
Question VII	Course favorability for students development	4.75

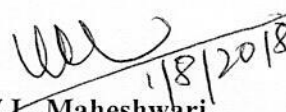
Score information: (1) Strongly disagree (2) Disagree (3) Not sure (4) Agree (5) Strongly agree

Alumni Feedback analysis Academic Year 2017- 2018



Parents Feedback Academic Year 2017-18




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Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
School Of Life Sciences
Feedback Action Taken Report Academic Year 2018- 2019

The school collects feedback on curriculum aspects and courses from different stakeholders such as students, alumni, faculty, employers. After feedback is analysis and valuable suggestions given are considered and necessary actions was implemented.

Based on the stakeholder feedback, appropriate decisions were made as given below:

- It is suggested to BOS to restructure the syllabus by accumulation of new developments in the subject and an outcome-based Choice Based Credit System syllabus is introduce.
- It is recommended placement cell to increase the collaboration to enhance job opportunities
- The suggestions are forwarded to higher authority to organise parents teachers meet and online parent and teachers' communication system.
- A University-Industry interaction meet is planned to identify gaps to bridge and modify the curriculum and training aspects of leading industries
- A software-based communication system is desired as a central solution. Currently, social media apps are used to undertake such activities.




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School of Life Sciences
Feedback Action Taken Report Academic Year 2018- 2019

The school collects feedback on curriculum aspects and courses from different stakeholders such as students, alumni, faculty, employers. After feedback is analysis and valuable suggestions given are considered and necessary actions was implemented.

Based on the stakeholder feedback, appropriate decisions were made as notified in the following table.

Sr. No.	Stack holder	Remark	Action taken
1.	Students (108)	• The course content of all the subjects can be upgraded as per the new changes in the science fields.	• It is suggested to BOS to restructure the syllabus by accumulation of new developments in the subject.
		• Existing CBCS model should be revised to incorporate more choice.	
		• Campus placement cell must be improved to enhance job opportunities.	• The suggestion are forwarded to placement cell.
2.	Parents (06)	• Parents teachers meet should be organized.	• The suggestions will be taken into consideration.
		• The system should be developed to apprise the development and report card of students to the parents	
3.	Alumni (08)	• The University and industrialist should sit together and devise a way to impart per education to the students as the demand of the students in industries.	• A University-Industry interaction meet is planned to identify gaps to bridge and modify the curriculum and training aspects of leading industries
		• Communication centre can be developed communication between alumni and current students, which help them to get information about jobs and future opportunities.	• A software-based communication system is desired as a central solution. Currently, social media apps are used to undertake such activities.
4.	Employer (01)	• Students must be trained according to the demands of industries	• A University-Industry interaction meet is planned to identify gaps to bridge and modify the curriculum and training aspects of leading industries
5.	Teachers (08)	• Syllabus need to be updated	• An outcome-based Choice Based Credit System syllabus is introduced w.e.f. 2019-20
		• Redundancy in syllabus is reduced	
		• Feedback of alumni and industries can be involved in curriculum.	
		• The course content could be more advanced in upcoming revisions.	

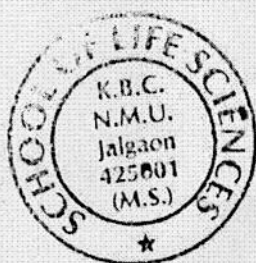




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School Of Life Sciences
Feedback Report Academic Year 2018- 2019

The School of Life Sciences collects feedback from stack holders like students, Parents, Alumni and Employer. Subsequently, the feedbacks analyzed by faculty's and a comprehensive report is prepared with the feedback of teachers are considered for enhancements.

Sr. No.	Stack holder	Feedback received	Remark
1.	Students	108	<ul style="list-style-type: none"> The course content of all the subjects can be upgraded as per the new changes in the science fields. Existing CBCS model should be revised to incorporate more horizon of choice. Campus placement cell must be improved to enhance job opportunities.
2.	Alumni	08	<ul style="list-style-type: none"> The University and industrialist should sit together and devise a way to impart a value-based education to the students as the demand of the students in industries. Communication centre can be developed communication between alumni and current students, which help them to get information about jobs and future opportunities.
3.	Parents	06	<ul style="list-style-type: none"> Parents teachers meet should be organized. The system should be developed to apprise the development and report card of students to the parents
4.	Teachers	08	<ul style="list-style-type: none"> Syllabus need to be updated Redundancy in syllabus is reduced Feedback of alumni and industries can be involved in curriculum. The course content could be more advanced in upcoming revisions.
5.	Employer	01	<ul style="list-style-type: none"> Students must be trained according to the demands of industries.



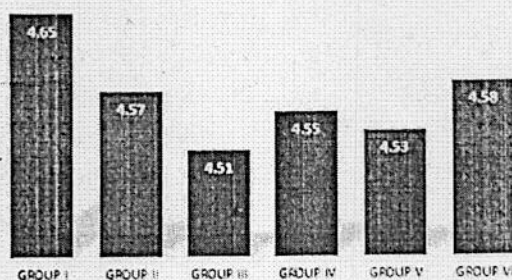

Prof. V.L. Maheshwari
 Director, School of Life Science
 Kavayitri Bahinabai Chaudhari
 North Maharashtra University, Jalgaon

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
School Of Life Sciences
Students Feedback analysis Academic Year 2018- 2019

Criteria		Average			School of life sciences
		Biochemistry	Microbiology	Biotechnology	
GROUP I	Quality of teaching	4.79	4.73	4.45	4.65
GROUP II	Relating course content with skill development	4.72	4.67	4.32	4.57
GROUP III	Innovative teaching method	4.64	4.64	4.27	4.51
GROUP IV	Course coverage and punctuality	4.73	4.63	4.3	4.55
GROUP V	Evaluation ability	4.66	4.63	4.31	4.53
GROUP VI	Facilitating and motivation capacity	4.72	4.64	4.4	4.58

Score information: (1) Very poor (2) Poor (3) Moderate (4) Good (5) Very good
 Number of feedback: Biochemistry = 32, Microbiology = 40 and Biotechnology = 36 (N = 108)

Students Feedback analysis Academic Year 2018- 2019

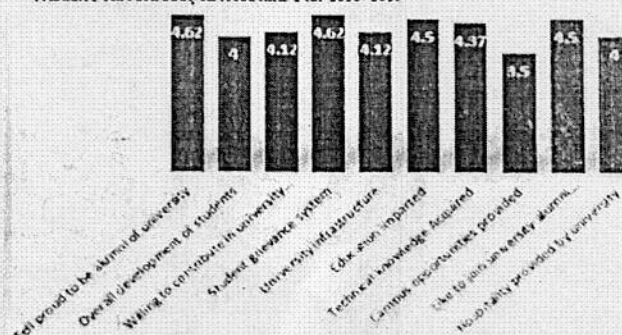


Alumni Feedback analysis Academic Year 2018- 2019

Number of feedback: 08		Score
Criteria		
Question I	Fell proud to be alumni of university	4.62
Question II	Overall development of students	4.00
Question III	Willing to contribute in university development	4.12
Question IV	Student grievance system	4.62
Question V	University infrastructure (laboratories, equipment's and practical experiences)	4.12
Question VI	Education imparted	4.50
Question VII	Technical knowledge Acquired	4.37
Question VIII	Campus opportunities provided	3.50
Question IX	Like to join university alumni association	4.50
Question X	Hospitality provided by university	4.00

Score information: (1) Strongly disagree (2) Disagree (3) Not sure (4) Agree (5) Strongly agree

Alumni Feedback analysis Academic Year 2018- 2019

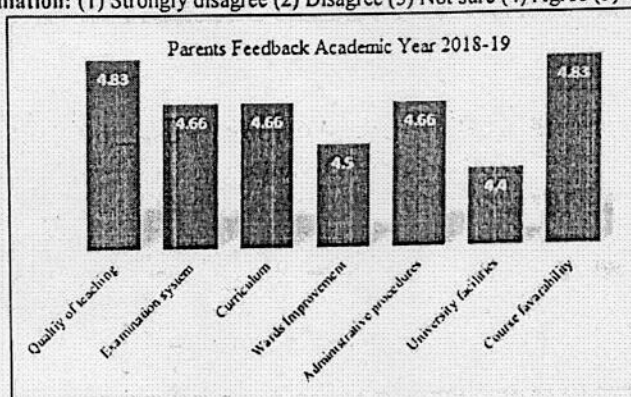


Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
School Of Life Sciences

Parents Feedback analysis Academic Year 2018- 2019

Number of feedback: 06		Score
Criteria		
Question I	Quality of teaching	4.83
Question II	Examination system	4.66
Question III	Curriculum of program was good skill based	4.66
Question IV	Technical knowledge and communication skills acquired by ward's	4.5
Question V	Administrative procedures are friendly	4.66
Question VI	Facilities of university	4.4
Question VII	Course favorability for students development	4.83

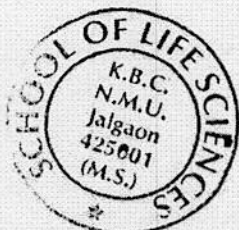
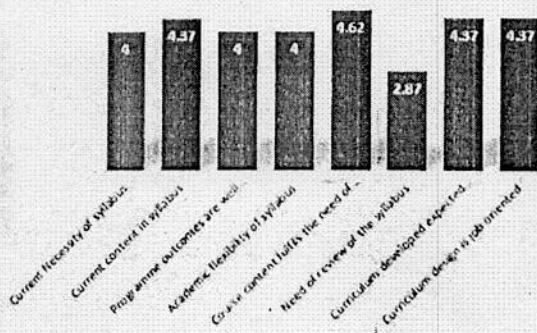
Score information: (1) Strongly disagree (2) Disagree (3) Not sure (4) Agree (5) Strongly agree



Teachers Feedback analysis and Report Academic Year 2018- 2019

Number of feedback: 08		Score
Criteria		
Current Necessity of syllabus		4.00
Current content in syllabus		4.37
Programme outcomes are well defined		4.00
Academic flexibility of syllabus		4.00
Course content fulfils the need of students		4.62
Need of review of the syllabus		2.87
Curriculum developed expected skills in students		4.37
Curriculum design is job oriented		4.37

Score information: (1) Strongly disagree (2) Disagree (3) Not sure (4) Agree (5) Strongly agree



(Signature)
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School of Life Sciences
Feedback Action Taken Report Academic Year 2019-2020

The School of Life Sciences collects feedback on curriculum aspects and courses from different stakeholders such as students, alumni, faculty, employers.

This academic year, the feedback was invited online (due to pandemic restrictions) after the conclusion of the online examination and result declaration in early 2021. The feedback involved a categorized multiple choice as well as brief narrative questionnaire designed separately for the stakeholders as per University's directions.


A total of 98 responses were received [Students = 74 out of 84 (26+25+33 of M.Sc. Program of Biochemistry, Biotechnology and Microbiology, respectively); Parents = 5; Alumni = 10; Employer = 1; and Teachers = 8] which was analyzed for average scores and rating.

After receipt of the feedback, it was statistically analyzed and valuable suggestions were forwarded to respective University authorities viz. Chairman, Board of Studies (BOS), Coordinator of the Central Training and Placement Cell (CTPC), Director of Board of Examination and Evaluation, Director of Knowledge Development Cell and Central Library and University Alumni Association for its kind consideration.

A few recommendations were forwarded to the School's committees under Academic Flexibility viz. Academic Committee, Examination Committee, Placement Coordinator, Mentor-Mentee Coordination Committee for implementation of necessary actions. The various narrative remarks, scores and the respective action taken is narrated in the adjoined action taken report.

Dt. 15 March, 2021




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School of Life Sciences
Feedback Action Taken Report Academic Year 2019-2020

The of School of Life Sciences collects feedback on curriculum aspects and courses from different stakeholders such as students, alumni, faculty, employers. After feedback, it was analysed, valuable suggestions were considered and the necessary actions were implemented.

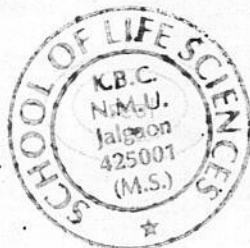
Based on the stakeholder feedback, appropriate decisions were made as notified in the following table:


Sr. No.	Stakeholder	Remarks	Action taken
1.	Students (74)	<ul style="list-style-type: none"> Adoption of mixed online-offline mode of teaching 	<ul style="list-style-type: none"> It is suggested to the BOS to specify some significant portion of the curriculum to be covered under blended learning system in online mode and the rest (skill-based courses) under offline mode
		<ul style="list-style-type: none"> Examination system be modified to online MCQ mode and give repeated chance to appear out of turn 	<ul style="list-style-type: none"> It is suggested to examination section to proctored internet-based flexible online mode for undertaking the university-level examination, if possible, a MCQ mode and to consider to provide on-demand examination system
		<ul style="list-style-type: none"> Online access to digital resources (open and subscription) be provided by Library for referencing 	<ul style="list-style-type: none"> It is suggested to University's Knowledge Development Cell and Central Library to increase number of digitized reference books, share Open Resource weblinks and Subscription Links with students, and provide login access to the digital library facilities for digitized learning
		<ul style="list-style-type: none"> Training on personality and professional development be provided to enhance employability skills 	<ul style="list-style-type: none"> It is recommended to University's Central Training and Placement Cell (CTPC) to organize online guest lecture series/ Workshops for enhancing personality and employability skills for seeking jobs. Also suggested to facilitate telephonic/ online interviews for freshers
		<ul style="list-style-type: none"> Online resources be provided for core and skill-based courses 	<ul style="list-style-type: none"> It is requested to higher authorities to initiate a dedicated LMS for teaching and evaluation
2.	Parents (5)	<ul style="list-style-type: none"> Organize parent-teacher meet on periodic basis 	<ul style="list-style-type: none"> Suggestions are forwarded to higher authority to organize online parent-teacher meet and design an online parent-teacher communication system
		<ul style="list-style-type: none"> A system should be developed to appraise and track student progression 	<ul style="list-style-type: none"> Student progress tracking and development of report card (grade profile) may be integrated into an LMS
3.	Alumni (10)	<ul style="list-style-type: none"> Strengthen Alumni network through alumni association Organize alumni meets on periodic basis on/ off campus 	<ul style="list-style-type: none"> It is recommended to University's Alumni association to establish Chapters at various cities and organize online alumni meets
			CONTD.

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
School of Life Sciences

Sr. No.	Stakeholder	Remarks	Action taken
4.	Employer (1)	<ul style="list-style-type: none"> • Develop a fresher and alumni student database for easy talent identification • suggested to facilitate telephonic/ online interviews for freshers • Program Objectives be designed in consultation with industries • Add-on skill-based certification courses can be started 	<ul style="list-style-type: none"> • It is recommended to University's Central Training and Placement Cell (CTPC) to develop a fresher and alumni student database for easy talent identification; facilitate telephonic/ online interviews for freshers • It is suggested to the BOS to define POs in consultation with a greater number of industries for future syllabi revisions • It is suggested to higher authorities to continue Certificate and PG Diploma courses on collaborative basis with Skill Development Organizations
5.	Teachers (8)	<ul style="list-style-type: none"> • Facilitate an independent LMS platform for teaching activities and evaluation. • Facilitate an SMS/ app-based communication system with students. Currently, open access social media meeting apps are being used to undertake such activities. 	<ul style="list-style-type: none"> • It is suggested to the higher authorities to develop and extend facility of an independent low-bandwidth LMS platform for teaching and evaluation. The same may be used as communication system with students.

Dt. 15 March, 2021




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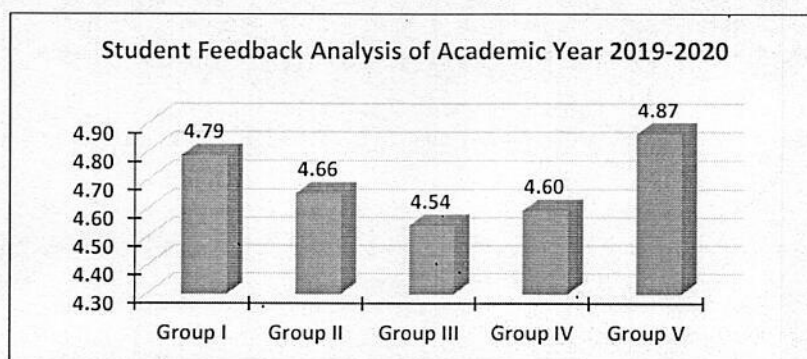
Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
School of Life Sciences

Student Feedback Analysis of Academic Year 2019-2020

Criteria		Average			School
		Biochemistry	Biotechnology	Microbiology	
Group I	Quality of teaching	4.79	4.78	4.80	4.79
Group II	Relating course content with skill development	4.64	4.65	4.68	4.66
Group III	Innovative teaching method	4.50	4.52	4.61	4.54
Group IV	Course coverage and punctuality	4.61	4.60	4.58	4.60
Group V	Evaluation ability	4.87	4.81	4.92	4.87
Group VI	Facilitating and motivating capacity	4.32	4.34	4.29	4.32

Score Information: (1) Very poor (2) Poor (3) Moderate (4) Good (5) Very good

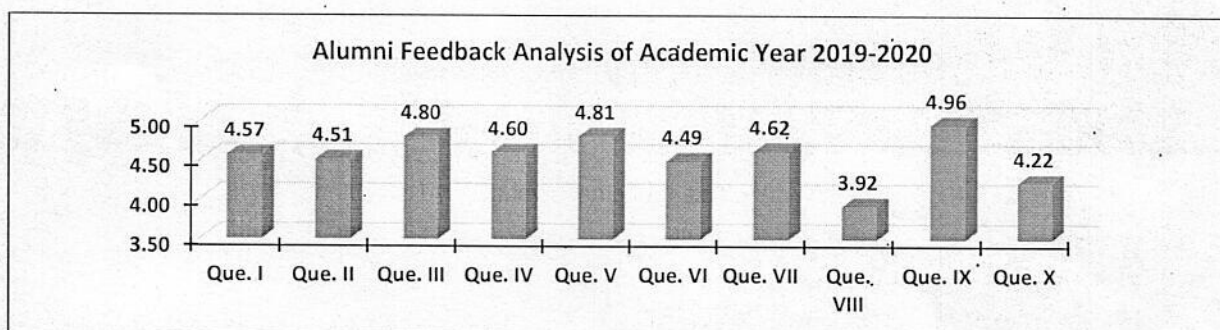
Number of Feedback: Biochemistry = 22, Biotechnology = 24; and Microbiology = 28 (N = 74)



Alumni Feedback Analysis Academic Year 2019-2020

	Criteria	Score
Que. I	Feel proud to be alumni of the University?	4.57
Que. II	University promotes the overall development of students	4.51
Que. III	I am willing to contribute to University Development?	4.80
Que. IV	The Student Grievance System is adequate?	4.60
Que. V	The University infrastructure (laboratories, equipment and practical experiments) is adequate?	4.81
Que. VI	The quality of education imparted is excellent?	4.49
Que. VII	The technical knowledge acquired in the University and School is adequate	4.62
Que. VIII	The campus placement opportunities provided are satisfactory	3.92
Que. IX	I would like to join the University Alumni Association	4.96
Que. X	Hospitality provided by the University was satisfactory	4.22

Score Information: (1) Strongly disagree (2) Disagree (3) Not sure (4) Agree (5) Strongly agree; Number of Feedbacks: 10

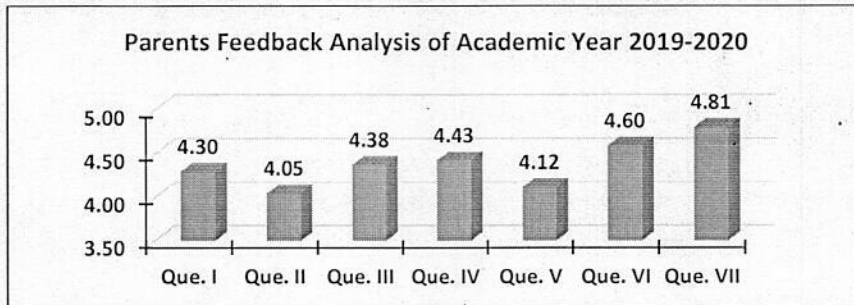


Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
School of Life Sciences

Parents Feedback Analysis Academic Year 2019-2020

	Criteria	Score
Que. I	Quality of teaching is satisfactory	4.30
Que. II	Examination System is satisfactory	4.05
Que. III	Curriculum of the M.Sc. program was good skill based	4.38
Que. IV	Technical knowledge acquired by the ward was satisfactory	4.43
Que. V	Administrative procedures were friendly	4.12
Que. VI	Facilities of the University were satisfactory	4.60
Que. VII	Course favorability for students development was adequate	4.81

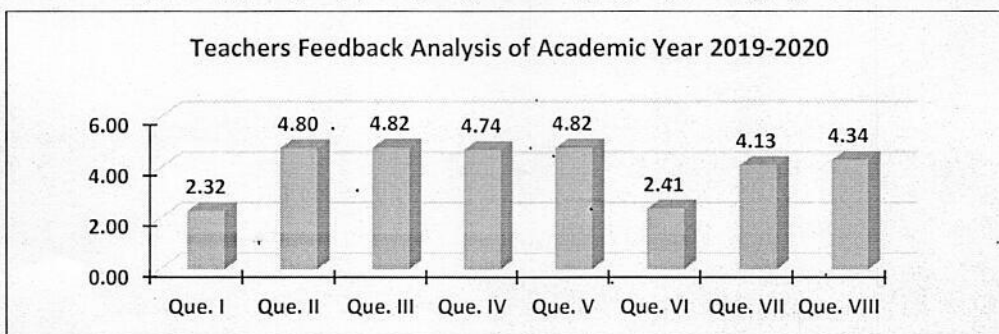
Score Information: (1) Strongly disagree (2) Disagree (3) Not sure (4) Agree (5) Strongly agree; Number of Feedbacks: 5



Teachers Feedback Analysis Academic Year 2019-2020

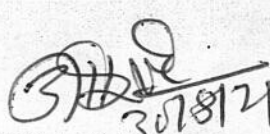
	Criteria	Score
Que. I	Current necessity of syllabus revision	2.32
Que. II	Current curriculum content in Syllabus is adequate	4.80
Que. III	Program Outcomes (POs) are well-defined	4.82
Que. IV	Academic flexibility of the syllabus is adequate	4.74
Que. V	Course content fulfils the need of students	4.82
Que. VI	Need to review the Syllabus	2.41
Que. VII	Curriculum developed expected skills in students	4.13
Que. VIII	Curriculum design is job oriented	4.34

Score Information: (1) Strongly disagree (2) Disagree (3) Not sure (4) Agree (5) Strongly agree; Number of Feedbacks: 8



Dt. 15 March, 2021




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Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
School of Life Sciences

Feedback Action Taken Report Academic Year 2020-2021

The School of Life Sciences periodically collects feedback on curriculum aspects and courses from different stakeholders such as students, parents, alumni, faculty, and employers.

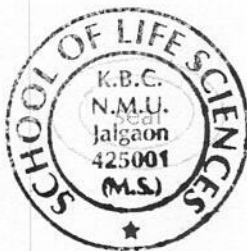
This academic year, the feedback was invited online (due to pandemic restrictions) after the conclusion of the online examination and result declaration of August 2021. The feedback involved a categorized multiple choice as well as brief narrative questionnaire designed separately for the stakeholders as per University's directions.

A total of 58 responses were received [Students = 42 (14+13+15 of M.Sc. Program of Biochemistry, Biotechnology and Microbiology, respectively); Parents = 3; Alumni = 3; Employer = 1; and Teachers = 9] which was analyzed for average scores and rating.

After receipt of the feedback, it was statistically analyzed and valuable suggestions were forwarded to respective University authorities viz. Chairman, Board of Studies (BOS), Coordinator of the Central Training and Placement Cell (CTPC), Director of Board of Examination and Evaluation, Director of Knowledge Development Cell and Central Library and University Alumni Association for its kind consideration.

A few recommendations were forwarded to the School's committees under Academic Flexibility viz. Academic Committee, Examination Committee, Placement Coordinator, Mentor-Mentee Coordination Committee for implementation of necessary actions. The various narrative remarks, scores and the respective action taken is narrated in the adjoined action taken report.

Dt. 15 September, 2021



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Director, School of Life Sciences,
KBCNMU, Jalgaon

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
School of Life Sciences

Feedback Action Taken Report Academic Year 2020-2021

The of School of Life Sciences collects feedback on curriculum aspects and courses from different stakeholders such as students, alumni, faculty, employers. After feedback, it was analysed, valuable suggestions were considered and the necessary actions were implemented.

Based on the stakeholder feedback, appropriate decisions were made as notified in the following table:


Sr. No.	Stakeholder	Remarks	Action taken
1.	Students (42)	<ul style="list-style-type: none"> Online-offline mode of teaching 	<ul style="list-style-type: none"> It is iterated to the BOS to specify some significant portion of the curriculum to be covered under blended learning system in online mode and few skill-based courses under offline mode
		<ul style="list-style-type: none"> Continuation of online MCQ Examination system 	<ul style="list-style-type: none"> It is suggested to examination section to proctored internet-based flexible online mode for undertaking the university-level examination, if possible, a MCQ mode and to consider to provide on-demand examination system
		<ul style="list-style-type: none"> Online access to digital resources (open and subscription) be provided by Library for referencing 	<ul style="list-style-type: none"> It is suggested to University's Knowledge Development Cell and Central Library to increase number of digitized reference books, share Open Resource weblinks and Subscription Links with students, and provide login access to the digital library facilities for digitized learning
		<ul style="list-style-type: none"> Training on personality and professional development be provided to enhance employability skills 	<ul style="list-style-type: none"> It is recommended to University's Central Training and Placement Cell (CTPC) to organize online guest lecture series/ Workshops for enhancing personality and employability skills for seeking jobs. Also suggested to facilitate telephonic/ online interviews for freshers
2.	Parents (3)	<ul style="list-style-type: none"> Organize online parent-teacher meet 	<ul style="list-style-type: none"> Suggestions are forwarded to higher authority to organize online parent-teacher meet and design an online parent-teacher communication system
		<ul style="list-style-type: none"> Mobile app to appraise and track student progression 	<ul style="list-style-type: none"> Student progress tracking and development of report card (grade profile) may be integrated into an LMS and extended to university app
3.	Alumni (3)	<ul style="list-style-type: none"> Strengthen Alumni network through alumni association Provide with job opportunity information 	<ul style="list-style-type: none"> It is recommended to University's Alumni association to establish Chapters at various cities and organize online alumni meets Suggested CTPC to post opportunities
			CONTD.

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
School of Life Sciences

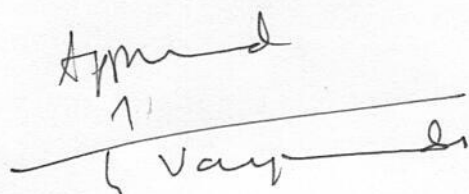
Sr. No.	Stakeholder	Remarks	Action taken
4.	Employer (1)	<ul style="list-style-type: none"> Organize training workshops for skill development Develop a fresher and alumni student database for easy talent identification suggested to facilitate telephonic/ online interviews for freshers Fine tuning of Program Objectives with industry objectives 	<ul style="list-style-type: none"> It is recommended to University's Central Training and Placement Cell (CTPC) to develop a fresher and alumni student database for easy talent identification; facilitate telephonic/ online interviews for freshers It is suggested to the BOS to define POs in consultation with a greater number of industries for future syllabi revisions
5.	Teachers (9)	<ul style="list-style-type: none"> Facilitate an independent LMS platform for teaching activities and evaluation. Facilitate an SMS/ app-based communication system with students. Currently, open access social media meeting apps are being used to undertake such activities. 	<ul style="list-style-type: none"> It is suggested to the higher authorities to develop and extend facility of an independent low-bandwidth LMS platform for teaching and evaluation. The same may be used as communication system with students.

Dt. 15 September, 2021




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Director, School of Life Sciences,
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Vice-Chancellor,
Kavayitri Bahinabai Chaudhari
North Maharashtra University, Jalgaon

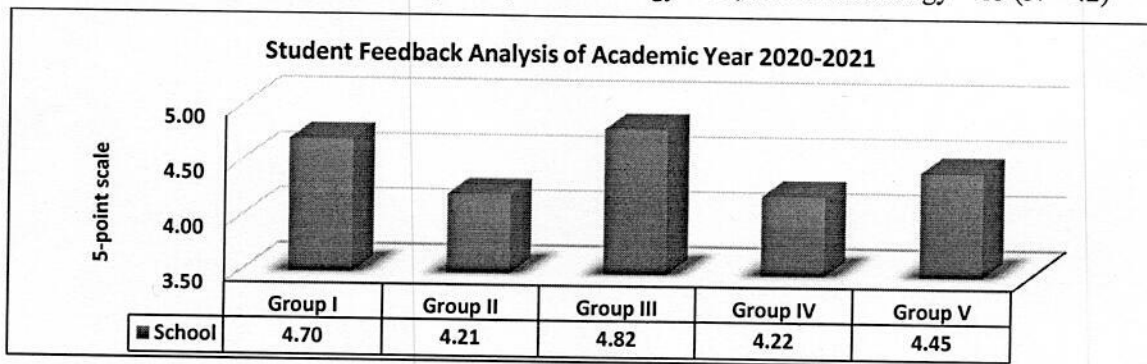
Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
School of Life Sciences

Student Feedback Analysis of Academic Year 2020-2021

Criteria		Average			School
		Biochemistry	Biotechnology	Microbiology	
Group I	Quality of teaching	4.70	4.60	4.81	4.70
Group II	Relating course content with skill development	4.20	4.12	4.32	4.21
Group III	Innovative teaching method	4.76	4.80	4.89	4.82
Group IV	Course coverage and punctuality	4.21	4.13	4.32	4.22
Group V	Evaluation ability	4.44	4.44	4.46	4.45
Group VI	Facilitating and motivating capacity	4.11	4.21	4.32	4.21

Score Information: (1) Very poor (2) Poor (3) Moderate (4) Good (5) Very good

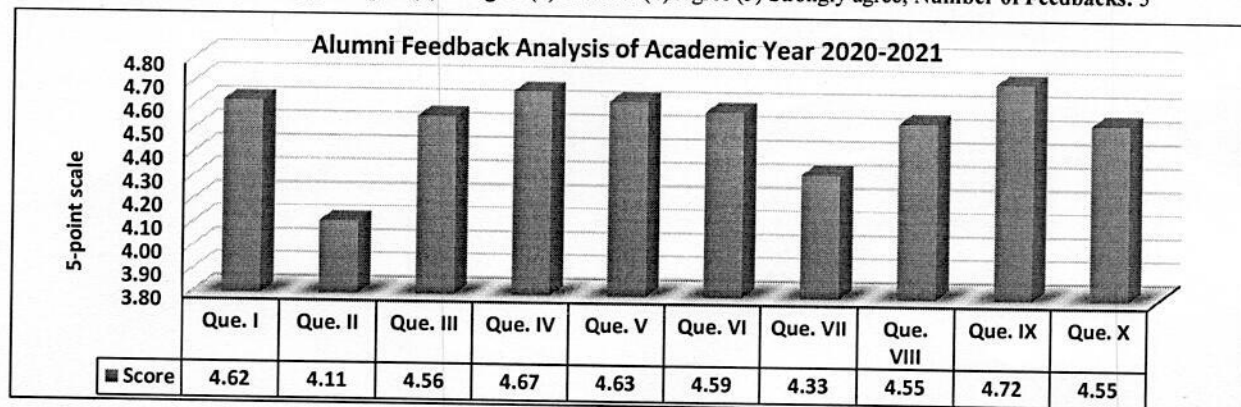
Number of Feedback: Biochemistry = 14, Biotechnology = 13; and Microbiology = 15 (N = 42)



Alumni Feedback Analysis Academic Year 2020-2021

	Criteria	Score
Que. I	Feel proud to be alumni of the University?	4.62
Que. II	University promotes the overall development of students	4.11
Que. III	I am willing to contribute to University Development?	4.56
Que. IV	The Student Grievance System is adequate?	4.67
Que. V	The University infrastructure (laboratories, equipment and practical experiments) is adequate?	4.63
Que. VI	The quality of education imparted is excellent?	4.59
Que. VII	The technical knowledge acquired in the University and School is adequate	4.33
Que. VIII	The campus placement opportunities provided are satisfactory	4.55
Que. IX	I would like to join the University Alumni Association	4.72
Que. X	Hospitality provided by the University was satisfactory	4.55

Score Information: (1) Strongly disagree (2) Disagree (3) Not sure (4) Agree (5) Strongly agree; Number of Feedbacks: 3

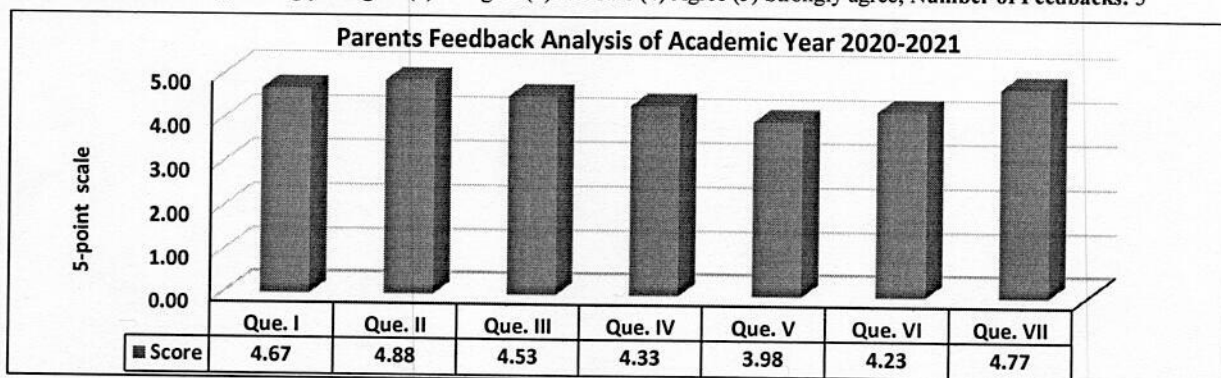


Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
School of Life Sciences

Parents Feedback Analysis Academic Year 2020-2021

	Criteria	Score
Que. I	Quality of teaching is satisfactory	4.67
Que. II	Examination System is satisfactory	4.88
Que. III	Curriculum of the M.Sc. program was good skill based	4.53
Que. IV	Technical knowledge acquired by the ward was satisfactory	4.33
Que. V	Administrative procedures were friendly	3.98
Que. VI	Facilities of the University were satisfactory	4.23
Que. VII	Course favorability for students development was adequate	4.77

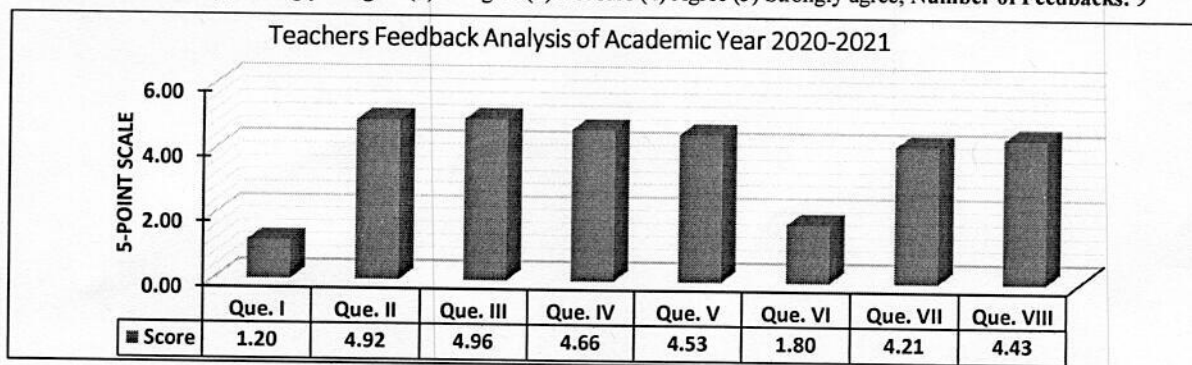
Score Information: (1) Strongly disagree (2) Disagree (3) Not sure (4) Agree (5) Strongly agree; **Number of Feedbacks:** 3



Teachers Feedback Analysis Academic Year 2020-2021


	Criteria	Score
Que. I	Current necessity of syllabus revision	1.20
Que. II	Current curriculum content in Syllabus is adequate	4.92
Que. III	Program Outcomes (POs) are well-defined	4.96
Que. IV	Academic flexibility of the syllabus is adequate	4.66
Que. V	Course content fulfils the need of students	4.53
Que. VI	Need to review the Syllabus	1.80
Que. VII	Curriculum developed expected skills in students	4.21
Que. VIII	Curriculum design is job oriented	4.43

Score Information: (1) Strongly disagree (2) Disagree (3) Not sure (4) Agree (5) Strongly agree; **Number of Feedbacks:** 9



Dt. 15 September, 2021




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