ANALYSIS REPORT- FEEDBACK FORM BY STUDENTS

The feedback from the students collected after each semester for each course was compiled as below:

2016- 2017- first year odd semester

Biochemistry

1. The course work was more stress full and a lot of assignments was given in short period. It would be appreciated if all the activities are scheduled in the beginning of the semester itself.
2. The syllabus lacks fundamentals of the subject which are essential.
3. Outcome of the course is much specified and application of the subject had not been covered.

Overall Rating: 3.25

Microbiology

1. The basics of the subject is well covered, though it missed a lot of advanced topics.
2. The organization of the class was poor and we struggled a bit to get a continuation between topics.
3. Many important but basic topics had been given as self-study. It would be better if professor could teach basics for better understanding of the subjects.

Overall Rating: 3.1

Cell Biology

1. There are too many topics within every unit and induced much pressure. It would be better if the topics are arranged according to the priority.
2. Since the workload is relatively more in the subject, we would like to get a few revision class to brush up the things before exam.
3. We expect more books in library for the subject in next year.

Overall Rating: 3.15

Molecular Genetics

1. It would be appreciated to provide proper teaching aids to make students understand a topics easier.
2. The workload was intense due to unscheduled short term assignments
3. More interactive sessions are needed to make the idea and theories clear to the students.

Overall Rating: 3.19

Molecular Biophysics

1. A lot of outdated topics are there in the syllabus and irrelevant topics have been included.
2. If the unit 3 protein structure moved to the biochemistry it would make some sense.
3. Topics are not covered completely and made so many topics as self-study.

Overall Rating: 3

Laboratory Techniques

1. We would like to get some hands-on practice in Cell biology related experiments.
2. Proper planning in conducting practical experiments was unsuccessful and need to adopt another strategy to complete the experiments prescribed in the syllabus.
3. Insufficient number consumables made the practical sessions tougher. Please increase requirements availability.

Overall Rating: 3.02

Molecular Virology

1. The course work could have been organized well, so that students can easily follow the contents in order for better understanding.
2. It would be better if the syllabus incorporated with the current research approach towards the virology.
3. We expect more applications of virus that can be manipulated for human welfare.

Overall Rating: 3.1

Environmental Biotechnology

1. The syllabus needs to be rearranged or modified to include much required contents to some units.
2. It would be better if outdated contents removed.
3. May be the teacher could use more teaching aids and provide study materials for this subject next time.

Overall Rating: 3.18

2016- 2017- first year even semester

Enzymology:

1. We enjoyed the syllabus well and taught very effectively
2. Additional suggestion is that the syllabus needs to include some research orientated aspects as well.

Overall Rating: 3.4

Molecular Biology:

1. We were benefited from all the discussions made possible in the class
2. The teacher could have been provided more teaching materials.
3. The regulation of the gene expression unit needs to be elaborate.

Overall Rating: 3.25

Bioprocess Technology

1. The engineering aspects of the subject can be reduced according to the necessity
2. The analytical techniques given the syllabus shows some recurrence with Molecular Biophysics syllabus
3. Sufficient study materials were not provided
4. It would be appreciated if industrial visit made possible next time

Overall Rating: 3.12

Biostatistics

1. The subject was taught more in the angle of mathematical oriented way which would not help for our field. It would be better if how those could be applied in the biology field is taught.
2. Lack of study materials for the most of the topics.
3. Moreover, it would be better if research aspects could be added in future.

Overall Rating: 3.1

Plant Biotechnology:

1. The syllabus is a comprehensive one and was up to students' expectation.
2. It would have been better if advance techniques have introduced in the syllabus
3. We are requesting a field trip to know how those applications studied are implementing efficiently.

Overall Rating: 3.25

Marine Biotechnology

1. The syllabus needs to be organized efficiently by combining some relevant topics under same unit
2. Many advanced techniques and approaches were absent in the syllabus
3. There is lack of relevant textbooks in the library.

Overall Rating: 3.2

Neurobiology

1. The syllabus was much intense and need to design such that it induce less pressure in students
2. The study materials were properly given by the professor
3. Textbooks are not sufficient in the library

Overall Rating: 3.18

2016- 2017- Second year odd semester

Recombinant DNA Technology

1. The topics were not covered completely and inducing last minute stress before exams
2. Proper study materials are required and teaching is expected with proper aids.
3. Syllabus is too bulky and could have organized at least to get a better understanding of the subject.

Overall Rating: 3.25

Immunology and Immunotechnology

1. The syllabus was covered very fast and some topics were not taught in depth.
2. It was appreciated that the study materials were provided by teacher in time however there are lack of textbooks in library.
3. The class were a bot boring and dry, so a different approach can be adopted next time.

Overall Rating: 3.17

Bioethics, Biosafety and IPR

1. We need more discussion sessions and debate sessions to express our idea in the relevant topics.
2. Since the subject is dry, activity based learning would be better.
3. It would be appreciated if we get a live or a recorded videography session to demonstrate how the waste generated from research using GM organisms or products are disposed to environment after much treatment.

Overall Rating: 3.09

Laboratory Techniques:

1. The practical experiments were held properly and in organized manner.
2. Though there is insufficient consumables and other resources.

3. The students had many opportunities to do the experiments their own.

Overall Rating: 3.2

Bioinformatics

1. The subject could be shifted 2nd semester by considering the importance of studying early in the MSc program
2. There is lack of training in practical aspects of this subject and lack of hands on experience given to students
3. The teaching could have been via activity based involving all the students

Overall Rating: 3.13

Industrial Biotechnology:

1. The syllabus had covered majority of the topics a student may need further in his/her industrial needs.
2. It would have been better if the teacher use more teaching aids to give a better understanding
3. An industrial visit should have been made mandatory

Overall Rating: 3.23

Biopharmaceuticals:

1. The topics given in the syllabus are vague and not specific which did not satisfy the required expectations.
2. The syllabus needs to include various stages of drug development but not in general way
3. There is a lack of proper study material for the subject

Overall Rating: 3.16

Animal Biotechnology

1. The subject is perfectly designed and covered most of the students requirements
2. Teaching materials was provided
3. Though, some topics could have been taught with practical experiments

Overall Rating: 3.27

Medical Biotechnology

1. There is recurrence in the topics with Bioethics/IPR subject like patents, intellectual property
2. The syllabus is more congested with many basic contents.
3. It would have been better if more aspects relating to human-animal disease

Overall Rating: 3.09

Nanotechnology

1. The teaching style is well appreciated and up to students expectation
2. The teacher could have been added more teaching aids to make it simple and for better understanding as well

Overall Rating: 3.21

2016- 2017- second year even semester

MSc Dissertation:

1. The intense laboratory experience gained so far helped us to proceed our project easily with our any starting troubles.
2. However, many experiments could have been taught clearly. For eg. rDNA experiments and immunological experiments.

Overall rating: 3.4

2017- 2018- first year odd semester

Biochemistry

1. The course was very useful and made it very clear in all the aspects

2. The teaching style can be improved next time and may include video lectures

3. Assignments and the deadline can be assigned be begining of the semester

Overall Rating: 3.37

Microbiology

1. Important techniques to identify the bacteria like 16S rRNA analysis can be included

2. Many irrelevant and recurrence topics can should have been omitted

3. The diversity of the microorganism and its products have to be organized in a better way.

Overall Rating: 3.1

Cell Biology

1. Insufficient books in the library

2. Since there are too many topics in the subject, teacher needs to prioritize the topics according to their degree of significance

3. The application of the subject in research could have been taught or made part of the syllabus

Overall Rating: 3.37

Molecular Genetics

1. Mathematical problems related to Mendelian principle and population genetics needs to be teach.

2. Calculation related to pedigree is an important part in the field and it lack in the syllabus

3. Other important and advanced topics has to include in replacement of old and very basic topics

Overall Rating: 3.1

Molecular Biophysics

1. Most of the contents are showing recurrence to other subjects and needs to be rebuild the syllabus

2. There is a lack of textbooks in this subject available in library

Overall Rating:3.12

Laboratory Techniques

1.The teacher needs to cover all the experiments defined in the syllabus.

2.Prior planning is mandatory and needs to be conveyed to students in the beginning of the semester

3.Availability of resources is limited

Overall Rating:3.19

Molecular Virology

1.The teaching was more interesting and enjoyable

2.The teacher provided the required study materials in advance

3.It would be great if case study related to the subject is presented or discussed at least once

Overall Rating: 3.3

Environmental Biotechnology

1.Applications of the subject was not well conveyed effectively

2.An industrial visit is appreciated to get a real expose how the techniques are carrying out.

3.The teacher could have provided the study material

Overall Rating: 3.29

2017- 2018- first year even semester

Enzymology:

1.The course was well structured and organized. The teacher kept a flow in teaching and made it simpler.

2.If the teaching includes a discussion session for students it could have been great

Overall Rating: 3.39

Molecular Biology:

1.Some seminar sessions were not achieved the purpose

2.The molecular aspects of the gene regulation could have been taught well

3.Application of molecular biology in research and medical diagnosis could have been added

Overall Rating: 3.24

Bioprocess Technology

1.It would have been better if the syllabus was covered completely.

2.Too many mathematical problems have to be eliminated and course has to focus more on biological principles behind the course.

3.We wish the assignments and other activities had been informed in the beginning of the semester

Overall Rating: 3.09

Biostatistics

1.The syllabus was not covered on the way it has been defined.

2.The mathematical theories and principles behind the derivation of an equation is have not much significant in this course. More application related problem solving questions was expected.

3.Poor availability of the study materials

Overall Rating: 3.1

Plant Biotechnology:

1.The course was well structured and taught in simpler way that made understanding possible

2.Textbook is not sufficient

Overall Rating: 3.25

Marine Biotechnology

1.Repetitive content with microbiology course in some ways.

2.We would suggest to include different marine regions and their significance and marine organisms there.

Overall Rating: 3.17

Neurobiology

1.The syllabus lacks the advanced part like how the brain influences other organs or systems and works in coordination with that.

2.It would be great if a still model or other teaching aids can be used for explain different regions of brain and other related pathways

Overall Rating: 3.2

2017- 2018- second year odd semester

Recombinant DNA Technology

1.Gene editing tools is not included in the subject and it has an important role

2.The syllabus is very comprehensive and teachers are struggling to complete all the topics and yes us too. May be proper planning in the beginning of the semester may resolve the issue

Overall Rating: 3.26

Immunology and Immunotechnology

1.The complement system was not in detail the immunology syllabus which is one of the most import topics.

2.The lack of continuation in the teaching made a bit difficult to understand the subject.

Overall Rating: 3.23

Bioethics, Biosafety and IPR

1.Apart from the book based knowledge, the real scenario demonstration to obtain a IBSC or IAEC permission for research purpose could have been explained

2.Drafting a patent application may be included in the syllabus or course activity

Overall Rating: 3.12

Laboratory Techniques:

1.Cloning experiments couldn't be done in time due to many technical issues

2.Demonstration of other PCR haven't taught much

3.However, many preparatory works and crucial experiment planning were learned from the department.

Overall Rating: 3.35

Bioinformatics

1.NCBI based learning would be better rather than giving theoretical knowledge

2.Rather than giving theory based assignments it would be better if a mini-bioinformatics work is assigned group-wise and discussed it in the class

Overall Rating: 3.11

Industrial Biotechnology:

1.The syllabus is not covered completely and many topics had been given as self-study

2. Sufficient textbooks are not available in the library

3. Industrial visit was not made mandatory

Overall Rating: 3.13

Biopharmaceuticals:

1. Advanced way of developing drugs could have been taught

2. The syllabus is more like superficial and vague in its content

Overall Rating: 3.16

Animal Biotechnology

1. Developing various animal models for research experiments could have been taught well

Overall Rating: 3.26

Medical Biotechnology

1. There is recurrence in the topics with Bioethics/IPR subject like patents, intellectual property

2. Many advanced way of diagnosing various disease is much get in to the deep

3. The syllabus may have to be redesigned

Overall Rating: 3.28

Nanotechnology

1.The course is comprehensive and included many aspects. Hence, organization of contents can be reconsidered for better continuation between the topics

2.Application of the subject could have been elaborated much and its current state or arts.

Overall Rating: 3.15

2017- 2018- second year even semester

MSc Dissertation:

1. The theoretical knowledge gained was not much helpful and aided for many of us in conducting dissertation. It would be great if the syllabus could be improved in research oriented or outcome based system.
2. Meanwhile, we are allowed to take our project and doing the same in research centers/institutes outside the campus.
3. The guidelines for doing a dissertation is not well defined and the expectation of the university from the dissertation is not conveyed to students. If they were there, it would be helpful for us to complete those expectations and may help faculty for the evaluation without any bias.

Overall rating: 3.3

2018- 2019- first year odd semester

Biochemistry

1.We find it too complex to learn many detailed contents without a prior fundamentals or an orientation classes. It would be better if a separate unit could be added dedicated for basics of the biochemistry.

2.The internal exams are inducing much stressful especially for this subject and it would be helpful if the schedules are informed to students in the beginning of the semester.

3.It would be great if the study materials are provide for the subject.

Overall Rating: 3.31

Microbiology

1. The course is more like superficial in many ways and being repetition of what we have learnt in our bachelor's degree. Please make it more specific by reducing content size and organizing in nice way.
2. The advances and research oriented topics have to include to get an awareness about the state of art in the field.

Overall Rating: 3.09

Cell Biology

1. Besides the contents it would be great if techniques employed in cell biology research is included the syllabus and introducing us to research world
2. The course work needs to be organized for the better productivity of time

Overall Rating: 3.22

Molecular Genetics

1. Application of the subject is not much covered in detailed.
2. The theory is very much deep and we found difficult to follow without proper study materials

Overall Rating: 3.28

Molecular Biophysics

1.The syllabus is bulky and have to prioritize how deep the topics have to be taught

2.Basic principles of instruments used day to day in a lab like pH meter are not included.

Overall Rating: 3.17

Laboratory Techniques

1.Chromatography and plant tissue culture should have been taught in detailed with individual hands-on training not by group

2.It would be great if meristem culture could be added to the syllabus

3.Practical experiments related to molecular biology have to be taught in the 2nd semester.

Overall Rating: 3.2

Molecular Virology

1. If one or two research oriented classes could be conducted it would have been great
2. Textbooks are very limited in the library for the subject

Overall Rating: 3.23

Environmental Biotechnology

1.The syllabus was more theoretical and dry and not up to master's degree standard

2.The teaching style may have been improved.

3.It would be very effective if discussion sessions have been arranged to clarify the doubts and share the ideas.

Overall Rating: 3.23

2018- 2019- first year even semester

Enzymology:

1.It would be useful if students get to know how an enzyme can be identified what type it is?

2.The research aspects of the field could be added in the syllabus.

3.Recent advancement and technology are not included in the syllabus

Overall Rating: 3.35

Molecular Biology:

1.Recent advancement employing miRNA and snRNA in research purpose and in health care system can be added in the syllabus

2.Discussion on research article related to the field would help students for their dissertation

Overall Rating: 3.29

Bioprocess Technology

1.The syllabus seems to be focusing more on engineering principles of the subject. Rather than this theoretical contents of biological part have to be focused.

2.If teacher could provide the study materials it will help the students to prepare exam well

Overall Rating:3.25

Biostatistics

3.Theoretical derivation of equations related to statistics may not help students to apply the subject in biology context. This need practice by solving to biological problems and when to apply them.

Overall Rating: 3.21

Plant Biotechnology:

1.The syllabus lacks recent advancement in plant biotechnology and entrepreneurship initiative that are really possible with relative easiness in the field

2.Industrial visit should have been arranged or at least to a startup nearby the campus.

Overall Rating: 3.13

Marine Biotechnology

1.The syllabus too superficial and need some improvement by adding advanced contents and research topics.

2.Benthic region and its diversity are really getting its own importance. Syllabus could be included these important topics next time.

Overall Rating: 3.14

Neurobiology

1. The recent computational approach like artificial intelligence in the neuroscience can be taught or included in the subject.
2. More textbooks needs to procure for the department library

Overall Rating: 3.4

2018- 2019- second year odd semester

Recombinant DNA Technology

1.Cre-loxp system can be added to the syllabus

2.Crisper and Other gene editing tool are lacking in the syllabus

Overall Rating: 3.29

Immunology and Immunotechnology

1.May the topics regarding how the viral vaccines are being effective in human body can be included

2.The science behind MHC molecules needs to be in detail

Overall Rating: 3.12

Bioethics, Biosafety and IPR

1.May be debates and other healthier discussion regarding bioethics could be promoted in the class

2.Biosafety syllabus seems a bit recurrence with molecular virology. Needs to resolve that.

3.Applications of IPR and Biosafety could have been elaborated well.

Overall Rating: 3.19

Laboratory Techniques:

1.The experiments are too much and could have been split in to two: one regarding basics of molecular biology (DNA, RNA isolation and protein expression in bacterial host) and another rDNA techniques (restriction and cloning).

Overall Rating: 3.21

Bioinformatics

1.In silico method of detecting PCR product and protein products could have been taught

2.Besides more programing related contents it would be easier to study the applications of the programs used in many bioinformatics analysis.

3.How the RNA sequence data are analysed can be taught in future

Overall Rating: 3.17

Industrial Biotechnology:

1. The syllabus was not covered completely and many topics have been assigned as self-study.
2. Industrial production of biopolymers and other compounds could be emphasized more or given equal importance as like classical products such as cheese.

Overall Rating: 3.18

Biopharmaceuticals:

1.The syllabus could be modified such that contents are classified under units relating to various respective specialisation not in general way.

2.The classes are very intense and covered the subject very neatly as possible.

Overall Rating: 3.2

Animal Biotechnology

1.The syllabus is very superficial and are not containing many in-depth contents. It's more like bachelor's degree level.

2.The syllabus was covered completely and study materials was given in time

Overall Rating: 3.29

Medical Biotechnology

1.There is recurrence in the topics with Bioethics/IPR subject like patents, intellectual property

2.Application of the subject been very superficial and could have been elaborated well.

3.Discussions on Entrepreneurship can be organized in the field.

Overall Rating: 3.2

Nanotechnology

1.The course could have been brought to 2nd semester

Overall Rating: 3.19

2018- 2019- second year even semester

MSc Dissertation:

1. It would be great if the department had a collaborations with industries for the students to carry out the dissertation in an industry rather than in a research only institutes.
2. Campus recruitment was not there for our major which we noticed as one of the drawback.
3. The department's infrastructure needs to improve so that more students could be accommodated for the dissertation here in the campus itself.

Overall rating: 3.39

2019- 2020- first year odd semester

Biochemistry

1.The syllabus was covered and induced no pressure at all.

2.The study materials was given by the professor and were excellent

Overall Rating: 3.4

Microbiology

1.The course was too bulky and did not cover many topics.

2.Some topics have been given as self-study and some have been took so many day s to finish.

3.Time management was poor and should have been organized the teaching schedule earlier.

Overall Rating: 3.01

Cell Biology

1.There are too many topics to cover and it induced much pressure.

2.However the syllabus was covered before the end of the semester with many difficulties

3.It would have been great if the topics are organized and informed the schedule prior to the student in the beginning of the semester itself.

Overall Rating: 3.3

Genetics

1. The topics were too many and ended in time constraints to finish the topics.
2. It was very deep and taught well via frequent interactive sessions
3. It would have been great if the syllabus was reorganized efficiently

Overall Rating: 3.1

Analytical techniques

1.The syllabus was very poor and been very basic, even though the course was not covered well.

2.It would be great the syllabus consider for redesign with essential elements.

3.Repetition in thermodynamics related topics which should have been avoided

Overall Rating: 3

Laboratory Techniques

1.The microbiology experiments was excellent and gave much hands-on training individually.

2.But the course missed many cell biology experiments as well like mitosis and meiosis

3.Biochemistry also great and in detailed manner

Overall Rating: 3.3

Biostatistics

1. The teacher gave a perfect study material which was helpful of the course
2. Mathematical problems could have been practiced more.
3. The contents related to research methodology could have been taught in detail.

Overall Rating: 3.3

2019- 2020- first year even semester

Enzymology:

1.The teaching style was great and did cover all the syllabus contents

2.Study materials were provided in time

3.The syllabus also needs to add the methods for Enzyme identification

Overall Rating: 3.3

Molecular Biology:

1.All the discussions we had were good and was very details in terms of in depth of topic

2.The reference book seemed to be a tough one

3.Some modules can be omitted like genetics of cancer

Overall Rating: 3.2

Bioprocess Technology

1. The teaching style could have been improved.
2. The basics were not cleared properly.
3. The assignments were too much and induced much pressure even in exam times
4. Lack of proper study materials

Overall Rating: 3.1

Bioinformatics

1. Have not covered all the topics
2. The study materials were not provided and hands-on training was not much

Overall Rating: 3

Neurobiology

1. The interactive sessions was great and all the classes are enjoyable

2. The syllabus was good and have all the essential topics

3. May be recent advanced topics could be added in future in the syllabus

Overall Rating: 3.6

Molecular Virology

1.The syllabus was very superficial and not in detail

2.There were no advance topics of virology have covered.

3.No sufficient textbooks available in the library

Overall Rating: 3.1

Nanotechnology

1.The study materials was not sufficient

2.The course was perfect and in detail. It was taught in research oriented base.

3.May be the teaching could have been simplified for the better understanding of the students

Overall Rating: 3.2

Biopharmaceuticals:

1.The syllabus was so bulky and were in organized manner.

2.Most important topics have been taught superficially.

3.All the classes were enjoyable and interesting and understandable

Overall Rating: 3.4

2019- 2020- second year odd semester

Recombinant DNA Technology

1.The syllabus was not covered at all and taught superficially

2.Recent advancements are lacking in the syllabus

Overall Rating: 3.2

Immunology and Immunotechnology

1.Too many time were consumed for a single topic and ended in time constraints to take important topics.

2.Important topics were not covered efficiently

Overall Rating: 3.1

Bioethics, Biosafety and IPR

1.Repetition in topics and overlapping syllabus.

2.A case study oriented could have been presented for the better understanding of the subject's significance.

Overall Rating: 3.1

Laboratory Techniques:

1.The cloning experiments was not going well due to many technical difficulties.

2.Proper experiment requirements were not available at the time.

Overall Rating: 3

Plant Biotechnology:

1.The teaching style was very poor and have to improve a lot

2.Study materials were not provided efficiently.

3.Course syllabus was not finished completely

Overall Rating: 3

Marine Biotechnology

1.The teaching style was good and the course was covered.

2.Study materials are provided much.

3.It would be great if the application of the subject was elaborated in detail.

Overall Rating: 3.4

Industrial Biotechnology:

1.The course was very enjoyable and covered most of the syllabus

Overall Rating: 3.1

Animal Biotechnology

1.The course was very simple and very less content. Could have been great if it is combined with any other subject.

2.The teaching style was perfect and interesting.

Overall Rating: 3.25

Medical Biotechnology

1.Many contents were repetitive and consumed a lot of time.

2.The time schedule for the subject should be changed to convenient one without compromising the lab practicals.

Overall Rating: 3.2

2019- 2020- second year even semester

MSc Dissertation:

1) It would be great if the department had a collaborations with industries for the students to carry out the dissertation in an industry rather than in a research only institutes.
2) Campus recruitment was not there for our major which we noticed as one of the drawback.
3) The department's infrastructure needs to improve so that more students could be accommodated for the dissertation here in the campus itself.

Overall rating: 3.4

2020- 2021- first year odd semester

Basic Biochemistry

1. Syllabus was organized well and basic concepts in biochemistry were made clear for the students.
2. Teaching style was good and study materials were provided for the students.

Overall rating: 3.5

General Microbiology

1. Teaching style could have been improved and more attention could have been given to the students coming from branches of life sciences other than biotechnology and microbiology.
2. Though the syllabus tried to cover more advanced topics, syllabus organization was overall not good.

Overall rating: 3

Genetics

1. Study materials were provided for the students.
2. Classes were really interactive. Seminars and discussions were conducted which enabled students to understand the topics easily and also helped them to develop interest in the course.

Overall rating: 3.15

Cell biology

1. The syllabus did cover all the topics of cell biology from basics to advanced technologies but it was too vast for the students.
2. The provided course hours were not enough for this course.
3. Teaching style was good and study materials were provided for the students.
4. Students were encouraged to read research papers also.

Overall rating: 3.4

Biostatistics

1. Syllabus was well organized.
2. Teaching style was really good and study materials were provided for the students.

3. But more focus could have been given to module IV (planning of an experiment and basic principles of design of experiments).

Overall rating: 3.25

Laboratory techniques

1. Syllabus was organized well starting from the preparation of solutions to conducting the assays and techniques.
2. Students experienced some problems due to the lack of efficient time management and enough resources.
3. More attention could have been given to the microbiology practicals since there were students from other life science branches.

Overall rating: 3.31

Analytical Techniques

1. Teaching style could have been improved.
2. Most of the topic were recurring in other courses. This could have been avoided.
3. Reference books were not enough.

Overall rating: 3.01

2020- 2021- first year second semester

Enzymology

1. Study materials were provided and books were available for the students in the library.
2. Teaching style was good and covered almost all the aspects of enzymology.

Overall rating: 3.4

Molecular Biology

1. Teachers used interactive learning for teaching. Seminars and discussions were held for the better understanding of concepts for the students.
2. Syllabus was also organized.

Overall rating:3.35

Bioprocess technology

1. Enough books were not available for the students.
2. Teaching style could have been improved.
3. Syllabus was organized in a comprehensive manner.

Overall rating: 3.15

Metabolism and Bioenergetics

1. Classes were really good and it helped the students to acquire deep knowledge in the subject.
2. Seminars and discussions conducted were really helpful for the students to learn in a better way.

Overall rating: 3.35

Laboratory techniques

1. Laboratory practicals were well organized.
2. Practicals helped the students to gain knowledge in fermentation and also in plant tissue culture techniques.
3. There was a difficulty in doing plant tissue culture practicals without studying the theoretical part of the subject.

Overall rating: 3.23

Bioinformatics

1. Teaching style could have been improved and could have covered from the basics.
2. Hands-on training on basic bioinformatics tools helped the students learn in a better way.

Overall rating: 3.1

Biopharmaceuticals

1. The syllabus did cover comprehensively all the aspects of biopharmaceuticals.
2. Teaching style was good.
3. Students were provided with study materials.

Overall rating: 3.45

Nanobiotechnology

1. Review papers were provided as study materials.
2. Reference books were not available.
3. Teaching style was really good and tried to cover all the aspects of nanobiotechnology including its applications.

Overall rating: 3.4

Neurobiology and Neurochemistry

1. Faculty was very experienced in the field of neurobiology.
2. Interactive classes helped the students to learn and understand the concepts in a better way. Brain games and discussions helped to develop interest in students in the subject.
3. Syllabus was well organized but it was very vast for the students to learn.

Overall rating: 3.65

2020- 2021- second year odd semester

Recombinant DNA technology

1. Teaching style was overall good.
2. Though major cloning types could have been included in the teaching.
3. Students were made to present research papers on cloning.
4. Study materials could have been provided.

Overall rating: 3.45

Immunology and immunotechnology

1. Most of the basic and important topics were included the syllabus.
2. Teachers could have been avoided the repetition of teaching the same topics.

Overall rating: 3.22

Bioethics, biosafety and IPR

1. Syllabus could have been modified to avoid repetitions of the topics.
2. The course credit could have been reduced from 3 to 2.
3. Teaching style was good. Debate and discussions after covering each topic enabled the students to understand and learn in a better way.

Overall rating: 3.19

Laboratory techniques

1. Laboratory practicals were well organized. But students experienced lack of enough laboratory resources.
2. More practical experiments on immunology could have been included in the syllabus.
3. Practicals on animal biotechnology could have been added in the syllabus.
4. Plant tissue culture practicals could have been shifted to third semester from second semester.

Overall rating: 3.4

Plant Biotechnology

1. The syllabus did cover comprehensively all the aspects of plant biotechnology and its applications.
2. Teaching style could have been improved and proper notes could have been provided.

Overall rating: 3.1

Biopharmaceuticals

1. The syllabus did cover comprehensively all the aspects of biopharmaceuticals.
2. Teaching style was good.
3. Students were provided with study materials.

Overall rating: 3.4

Animal Biotechnology

1. Study materials were not available much for the students.
2. Syllabus was organized in a hierarchical manner covering from the basics to advanced techniques.

Overall rating: 3.17

Medical biotechnology

1. The syllabus organization and teaching style were overall good.
2. But more advanced diagnostic techniques could have been included in the syllabus.

Overall rating: 3.2

2020- 2021- second year even semester

Dissertation and Comprehensive viva voce

1. The theoretical and the practical knowledge gained by the students from the department was perfected through the dissertation work.

2. An additional relevant course could have been included in this semester.

Overall rating: 3.5

Batch 2021 Environmental science

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
M.Sc. BIOTECHNOLOGY

COURSE EVALUATION / FEEDBACK FORM (20..19..... - 20..20.....)

PREAMBLE

The objective of this form is to collect constructive feedback for improving course effectiveness. Your responses will assist the Department / School in their endeavor to strengthen all aspects of this course. For the results to be most useful, your response should:

a) be as objective and sincere as possible.

b) be based on your own individual thinking.

c) be based on overall effectiveness of the course rather than on impressions gained through isolate incident(s).

d) consider each feature independently, without being influenced by your other response.

STUDENT FEEDBACK ON COURSE / TEACHER

[Indicate your honest response by entering a " " " mark against : A (Very Good), B (Good), C (Fair), D (Poor), E (No opinion) under the appropriate columns]. Avoid writing names anywhere, so that your identity is not revealed.

Sl. No.	Features of Course Instruction	Student Evaluation				
		A	B	C	D	E
1	Coverage of the Course	✓				
2	Sustaining of interest	✓				
3	Organization of Lectures/Tutorials (if appropriate)	✓				
4	Use of blackboard & other teaching aids	✓				
5	Objectivity in evaluation	✓				
6	Prompt grading of tests/assignments	✓				
7	Encouraging academic interaction	✓				
8	Availability of book/course material	✓				
9	Usefulness of course material	✓				
10	Provision of background knowledge	✓				
11	Interaction of the faculty with students inside/ outside the class	✓				
12	Planning of test in the course (lengh, clarity etc.)	✓				

(PTO)

		A	B	C	D	
13	Correlation of course credits with the amount of work required	✓				
14	The work during the program is adequate and does not induce undue pressure	✓				
15	The program is effective in enhancing team-working abilities.	✓				
16	The program administration is effective in supporting learning.	✓				
17	The program is effective in developing analytical and problem solving skills.	✓				
18	The program is effective in developing independent thinking.	✓				
19	The program is effective in developing written communication skills	✓				
20	The objectives of the program have been fully achieved	✓				
21	Whether the contents of curriculum are advanced and meet program objectives	✓				
22	Environment in the Department was conducive for learning	✓				
23	Whether the Infrastructure of the department was good	✓				
24	Whether the program was comprised of Co-curricular and extra-curricular activities	✓				
25	Faculty knowledge of the subject	✓				
26	Clarity and understanding of the faculty's explanation	✓				
27	Regularity of the faculty in engaging classes	✓				
28	Rate the commitment of the faculty to teaching	✓				
29	Overall teaching effectiveness of the faculty	✓				
30	Overall impression based on content of the course and its relevance in the context of career development	✓				

JP 9-15 a)

Additional Feedback:

1. Was good understanding of the course essential for good performance in examinations? : YES/NO
2. Was regular attendance in the class essential to have good performance in examination? : YES/NO
3. Did your interest in the course increased as semester progressed? : YES/NO
4. Suggestions for improvement, if any

Batch 2021

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY 1st sem
DEPARTMENT OF BIOTECHNOLOGY Analytical Technique
M.Sc. BIOTECHNOLOGY

COURSE EVALUATION / FEEDBACK FORM (20..19..... - 20..21.....)

PREAMBLE

The objective of this form is to collect constructive feedback for improving course effectiveness. Your responses will assist the Department / School in their endeavor to strengthen all aspects of this course. For the results to be most useful, your response should:

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b) be based on your own individual thinking.

c) be based on overall effectiveness of the course rather than on impressions gained through isolate incident(s).

d) consider each feature independently, without being influenced by your other response.

STUDENT FEEDBACK ON COURSE / TEACHER

[Indicate your honest response by entering a " " " mark against : A (Very Good), B (Good), C (Fair), D (Poor), E (No opinion) under the appropriate columns]. Avoid writing names anywhere, so that your identity is not revealed.

Sl. No.	Features of Course Instruction	Student Evaluation				
		A	B	C	D	E
1	Coverage of the Course	✓				
2	Sustaining of interest	✓				
3	Organization of Lectures/Tutorials (if appropriate)	✓				
4	Use of blackboard & other teaching aids	✓				
5	Objectivity in evaluation	✓				
6	Prompt grading of tests/assignments	✓				
7	Encouraging academic interaction	✓				
8	Availability of book/course material	✓				
9	Usefulness of course material	✓				
10	Provision of background knowledge	✓				
11	Interaction of the faculty with students inside/ outside the class	✓				
12	Planning of test in the course (lengh, clarity etc.)	✓				

(PTO)

		A	B	C	D	E
13	Correlation of course credits with the amount of work required	✓				
14	The work during the program is adequate and does not induce undue pressure		✓			
15	The program is effective in enhancing team-working abilities.	✓				
16	The program administration is effective in supporting learning.	✓				
17	The program is effective in developing analytical and problem solving skills.	✓				
18	The program is effective in developing independent thinking.	✓				
19	The program is effective in developing written communication skills	✓				
20	The objectives of the program have been fully achieved	✓				
21	Whether the contents of curriculum are advanced and meet program objectives	✓				
22	Environment in the Department was conducive for learning	✓				
23	Whether the Infrastructure of the department was good	✓				
24	Whether the program was comprised of Co-curricular and extra-curricular activities		✓			
25	Faculty knowledge of the subject	✓				
26	Clarity and understanding of the faculty's explanation	✓				
27	Regularity of the faculty in engaging classes	✓				
28	Rate the commitment of the faculty to teaching	✓				
29	Overall teaching effectiveness of the faculty	✓				
30	Overall impression based on content of the course and its relevance in the context of career development	✓				

JP 9-15 a)

Additional Feedback:

1. Was good understanding of the course essential for good performance in examinations? : YES/NO yes
2. Was regular attendance in the class essential to have good performance in examination? : YES/NO yes
3. Did your interest in the course increased as semester progressed? : YES/NO yes
4. Suggestions for improvement, if any

CELL BIOLOGY

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
M.Sc. ~~BIOTECHNOLOGY~~ MICROBIOLOGY

COURSE EVALUATION / FEEDBACK FORM (20..18..... - 20..20.....)

PREAMBLE

The objective of this form is to collect constructive feedback for improving course effectiveness. Your responses will assist the Department / School in their endeavor to strengthen all aspects of this course. For the results to be most useful, your response should:

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b) be based on your own individual thinking.

c) be based on overall effectiveness of the course rather than on impressions gained through isolate incident(s).

d) consider each feature independently, without being influenced by your other response.

STUDENT FEEDBACK ON COURSE / TEACHER

[Indicate your honest response by entering a " " " mark against : A (Very Good), B (Good), C (Fair), D (Poor), E (No opinion) under the appropriate columns]. Avoid writing names anywhere, so that your identity is not revealed.

Sl. No.	Features of Course Instruction	Student Evaluation				
		A	B	C	D	E
1	Coverage of the Course	" " "				
2	Sustaining of interest	" " "				
3	Organization of Lectures/Tutorials (if appropriate)	" " "				
4	Use of blackboard & other teaching aids	" " "				
5	Objectivity in evaluation		" " "			
6	Prompt grading of tests/assignments		" " "			
7	Encouraging academic interaction	" " "				
8	Availability of book/course material		" " "			
9	Usefulness of course material	" " "				
10	Provision of background knowledge	" " "				
11	Interaction of the faculty with students inside/ outside the class	" " "				
12	Planning of test in the course (lengh, clarity etc.)	" " "				

(PTO)

		A	B	C	D	E
13	Correlation of course credits with the amount of work required				✓	
14	The work during the program is adequate and does not induce undue pressure			✓		
15	The program is effective in enhancing team-working abilities.		✓			
16	The program administration is effective in supporting learning.		✓			
17	The program is effective in developing analytical and problem solving skills.		✓			
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27	Regularity of the faculty in engaging classes		✓			
28	Rate the commitment of the faculty to teaching	✓				
29	Overall teaching effectiveness of the faculty	✓				
30	Overall impression based on content of the course and its relevance in the context of career development	✓				

JP 9-15 aj

Additional Feedback:

1. Was good understanding of the course essential for good performance in examinations? : YES/NO
2. Was regular attendance in the class essential to have good performance in examination? : YES/NO
3. Did your interest in the course increased as semester progressed? : YES/NO
4. Suggestions for improvement, if any

Try to cover the syllabus portions first, they take extra portions as the time/semester is short.