



Fergusson College (Autonomous), Pune
Action Taken Report
(Department: Physics)
Year: 2021-2022

Feedback on teaching learning 2021 2022:

Action Taken:

- All Teachers have been consulted individually and asked to improve on the points mentioned in the curriculum and teaching-learning feedback. They are also asked not to demotivate students.
- Appreciations have been also communicated with respective teachers.

Feedback on curriculum by students 2021 2022:

Action Taken:

Specific suggestions for quality enhancement of the curriculum	Action Taken:
Unnecessary subjects should be removed.	Unnecessary subject is not clear. Care has been taken to include all relevant topics in Physics.
Syllabus is made too easy but this reduces the quality of the degree. Physics degree should be tougher and advanced topics must be included. Difficulty of exams should also be increased.	Syllabus is framed keeping in mind the expectations from a Physics graduate. Examination pattern is also formatted keeping in mind the diverse learning abilities of students.
some teacher demotivate student by his behavior	All Teachers have been consulted regarding this and asked not to demotivate students.
Remove unnecessary subjects and reduce the marks for subjects that have 2 credits. 2 credits subjects should have 50 marks	This decision needs to be considered at college level.
Excellent	
There's no industry related topics in the curriculum. All same 50 yrs old syllabus. Things have been changed from then to now so should be the syllabus. Also the practicals same 50 yrs old. What industries, economy wants, there's nothing much in practicals. In physics practical every instrument has some kind of problem. Industry and research are supportive to each other. What's going on there and what we are studying has huge gap. And that's why they don't hire bsc students. In foreign countries they give more importance to BSMS students over engineers. But here scenario is opposite. Any institution runs well when it is customer centric (here students), understand them, study them what they want and what not. There's no outputs beyond curriculum. Even some teachers they don't deserve to be teachers. Just wasting students time. More than syllabus those are teachers who shape the students. Even if	<p>Skill enhancement and value added courses are already a part of the syllabus at the third year of B.Sc.</p> <p>Since this is a core subject, underlying principles need to be understood before applications related to industry are introduced.</p> <p>Efforts are taken to carry out study visits and industry visits for students to know about the advances in the same.</p> <p>Point considered in Teaching – Learning feedback.</p>

<p>syllabus isnt good , good teachers always give students more valuable knowledge. So work on improvement of those bad teachers, if necessary fire them.</p> <p>And plz if u really want to change the things be serious and do quick action. U have that autonomy. Otherwise dont release such feedback forms just for showoff. Atleast dont wast our time on giving this feedback if its of no use.</p>	
<p>Professors of the department need to understand that they are teaching undergraduate students and not PhD students.</p> <p>Also if the professors are writing the equation after looking in the reference book while teaching and still writing it incorrect then it's not appropriate of the department to expect that students will continue attending the lectures.</p>	Point considered in Teaching – Learning feedback.
<p>Practical and theory should be coped. Include more co-curricular project so that it will help student to become more and more familiar with research than any other University or college. Teachers should use updated syllabus (should refer from IISER). Curriculum should be designed in such way that before any MSc entrance exam, everything get covered like core courses. In skill enhancement program should added new course like introduction to Quantum computing, Computational physics with application of molecule desiging, introduction to industrial instrumentation, introduction to photonics. Teaching quality of teacher should check after each two year and if necessary provide them training of teaching.</p>	<p>Syllabus is already designed to elaborate the theory studied in class with the practical knowledge gained in the laboratory.</p> <p>In addition, hands on experiments are also added, which help advance learners.</p>
<p>The last semester should be taken as the first semester of the last year and the fifth semester as the last semester.</p> <p>Syllabus of quantum mechanics should be revised.</p>	The syllabus and placement of subjects in individual terms is done as per the pre-requisites of the core courses.
<p>Lecture should be made intresting, and professors should put more energy and teach with enthusiasm. And should conduct weekly test so that there is no lag in the preparation.</p>	Point considered in Teaching – Learning feedback.
<p>No suggestions necessarily for the content, the content is absolutely amazing. The way the content is delivered by some teachers is poor unfortunately.</p>	Point considered in Teaching – Learning feedback.
<p>The curriculum was well structured and sequentially implemented. However, considering the time span it was given to complete the curriculum it is suggested to manage the implementation more appropriately, rather than taking it as a learning opportunity the curriculum more felt like a piece of load which needed to be taken off from the shoulders</p>	Point considered in Teaching – Learning feedback.
<p>Needs new topics in theory</p>	More new courses would be incorporated in the regular curriculum under NEP 2020
<p>Attendance of students is less,this definitely has some reasons.low attendance can't be blamed on students only.</p>	Point considered in Teaching – Learning feedback.
<p>Just one two teacher need to improve communication skills with students and overall department is best</p>	Point considered in Teaching – Learning feedback.
<p>There are practicals in 5th semester that are based on C-programming but C is taught in 6th semester. This needs to be rectified.</p>	Point is noted and will be implemented during revision.
<p>Intuitive teaching is needed</p>	Point considered in Teaching – Learning feedback.

It should be well distributed . In third years last semester , we got all the parts which requires a more gradual approach for proper understanding . Some of them should have been introduced earlier to avoid pressure. More activities in place of tests should be introduced eg, debate, group discussions, speech , reviews etc. must be promoted.	Point is noted and will be implemented during revision. Limitations related to student strength restrict more activities in place of tests for evaluation purpose.
Please appoint senior, experienced teachers for physics dept.	This decision needs to be considered at college level.
Last semester felt extremely overwhelming because of so many things to cover. Reduce the number of exams taken. We need some breathing room.	This decision needs to be considered at college level.
More application based concepts and sub fields of Physics must be included in our curriculum from research point to view.	Skill enhancement and value-added courses are already a part of the syllabus at the third year of B.Sc. Since this is a core subject, underlying principles need to be understood before applications related to industry are introduced. Efforts are taken to carry out study visits and industry visits for students to know about the advances in the same. More new courses would be incorporated in the regular curriculum under NEP 2020, along with the research component at the fourth year.
There is need of facilitator not teachers. They should motivate not put pressure and demotivate from dreams.	Point considered in Teaching – Learning feedback.

Feedback on curriculum by employers 2021 2022:

Action Taken:

- Employers find the curriculum excellent/very good.
- Suggestions on practical skills and analysis along with field training would be incorporated in the regular curriculum under NEP 2020
- Soft skill related courses are already being conducted at college level and open to all students.

Feedback on curriculum by alumni 2021 2022:

Action Taken:

- Alumni find the curriculum, content and skills gained to be supportive of their knowledge and career requirements.

Feedback on curriculum by Teachers 2021 2022:

Action Taken:

- Teachers have been involved in the framing of the curriculum. All efforts were taken to justify the requirements of the core subject, applications in industry, skill enhancement and research component.
- Teachers are satisfied with the curriculum.



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