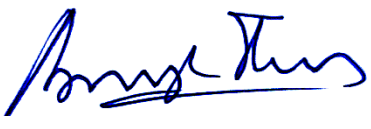
Analysis Report

Alumni Feedback 2016

Department of Physics & Electronics



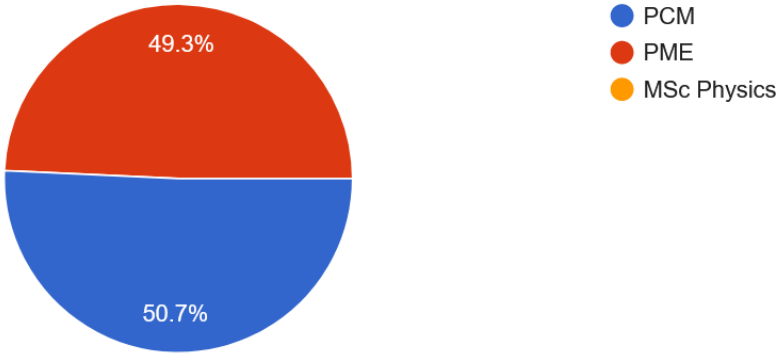
Dr. George Thomas,
Head of the Department.

Alumni Feedback June 2016

UG student's feedback – CME/PCM/PME

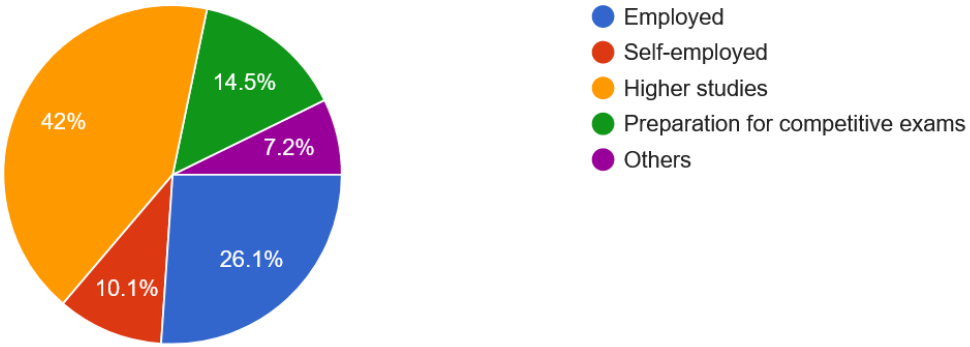
Name of the program completed

69 responses



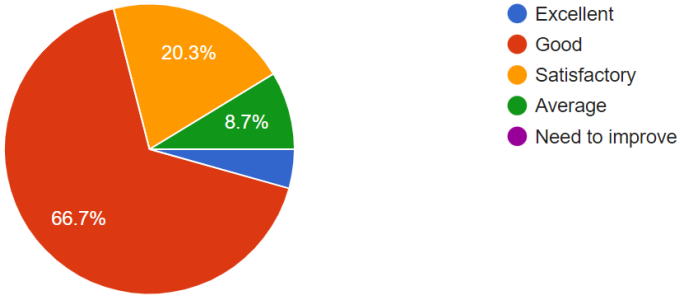
Employment Type

69 responses



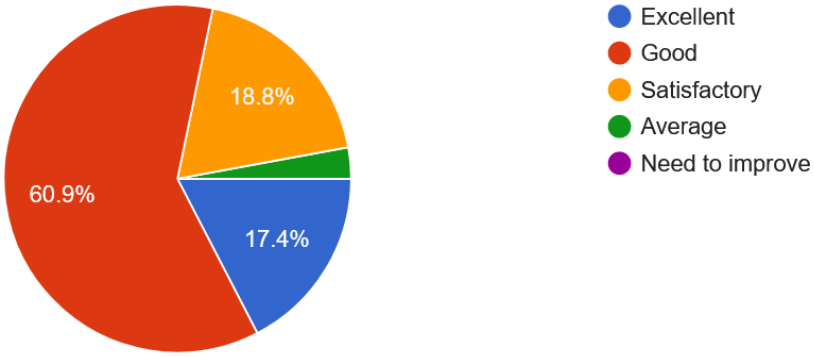
Is the curriculum updated on a regular basis depending on the current trends and advanced topics?

69 responses



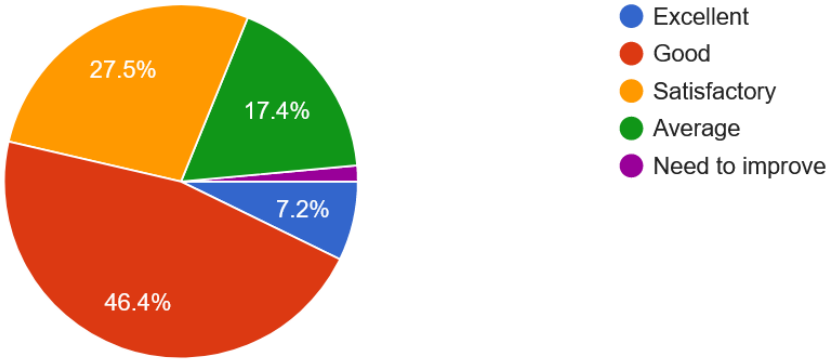
Does the curriculum orient the students towards higher education?

69 responses



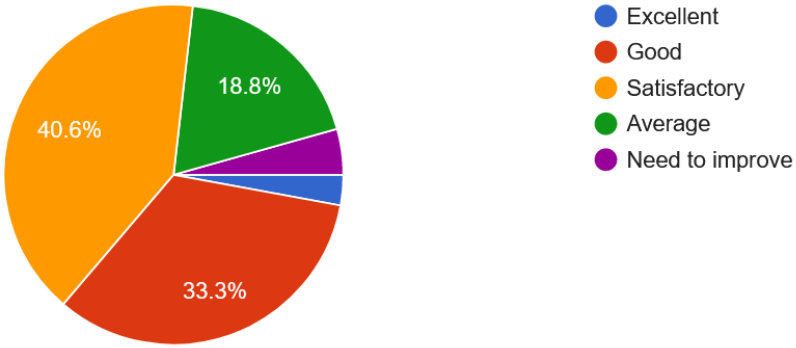
Does the curriculum provide employability weightage?

69 responses



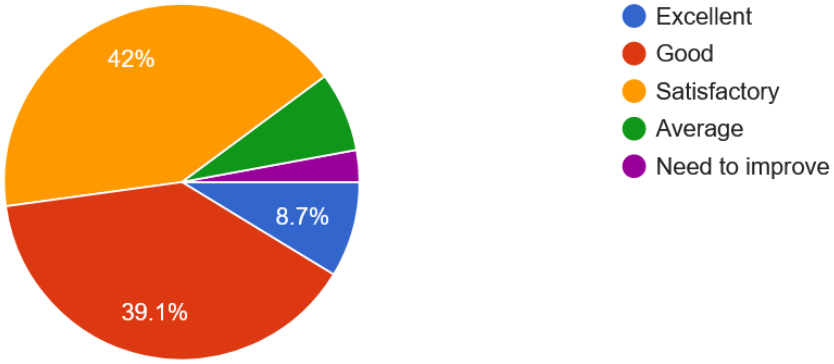
Does the curriculum meet the expectations of the industry?

69 responses



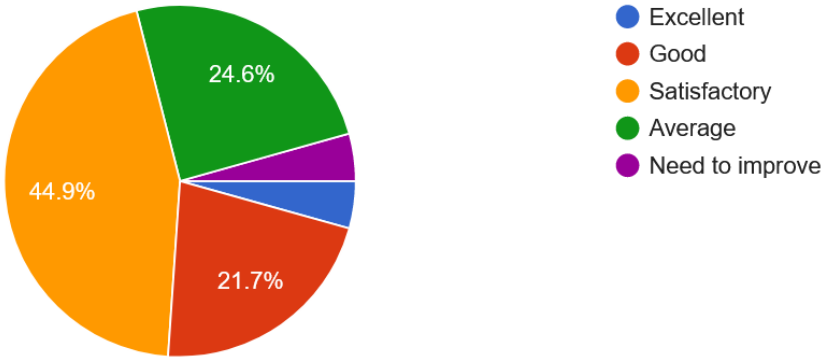
Does the curriculum enable the student to connect the knowledge to real life application?

69 responses



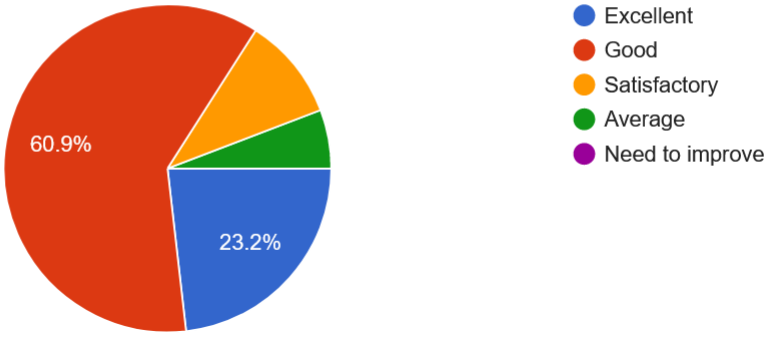
Does the curriculum encourage entrepreneurship?

69 responses



Do you think that the curriculum motivates the students for research and development?

69 responses



Actions Taken

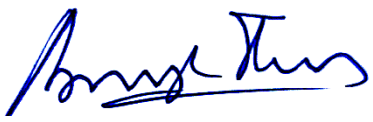
- Labs can be equipped to suit industrial needs
- Physics curriculum was outdated. More reference material should be included.
- Curriculum need a bit more attention towards competitive exams, as it feels more tougher when compared to other courses. PHY152 needs more industrial needed and curriculum oriented experiments.
- Please include more topics that add to employability
- Theoretical classes can give more importance to real-life applications
- ELE 351 had good experiments which had real life applications
- Please improve with more industrial domains.
- Improve general physics lab equipment
- The curriculum needs to add more towards career opportunities after a UG degree. More deep syllabus for subjects will be good.
- Electronics theory should be more application based
- Employment can also be given importance in addition to academics
- Physics topics should change based on the active research going on
- Including more experiments which focus on the real life applications would be beneficial for the students. Like the importance given for higher studies and research, curriculum should include job oriented topics too.
- The triple main system is somewhat packed with information. It would have been better if the topics in each paper are arranged in a concise manner so that the unwanted topics can be avoided.
- It would be good to include recent advancements in science to syllabus
- Add industrial visits and provide more practical knowledge
- Electronics theory classes can be more in-tune with industrial expectations
- Making the syllabus more towards creating a good career will be really helpful. making the Laboratory experiments can be a bit more industrial oriented will be good.
- Physics theory reference materials should be improved
- Need to update the course plan and exam patterns
- Modifications that encourage entrepreneurship would be appreciable.
- Overall curriculum is good, but requires real time exposure.

- Entrepreneurship skill enhancement can be given more importance
- Improve general physics lab syllabus
- The comparison between real life and physics was really out of touch in our curriculum. rectification of that will really help.
- The curriculum needs to be modified based on the current trends in the industry.
- Time frame allotted for each semester and the size of the syllabus is a mismatch. It limits our studies strictly within the syllabus. It should be changed accordingly. Training for the preparation of competitive exams can also be included.
- The environment is highly research oriented which is giving a huge boost for those who want to pursue higher studies and on the other hand it sometimes fails to support the job seekers
- It would be good to include courses related to preparation for competitive exams
- Provide more interactive discussions
- I personally feel that a more research friendly and open to discussion environment in class would have been better. Lab needs more advanced experiments mainly in PHY552, PHY451, etc.
- Weightage should be given to job oriented topics too.
- Please include areas related to real life applications
- A research oriented curriculum should be introduced so that the christites will have an upper hand in this competitive world.
- The theory papers are overloaded with content which is helpful for those who want to pursue higher studies. Hence there is a clear lack of employment training.
- It was a good experience to study @ Christ
- Good experience
- The curriculum must be improved to give more weightage to a job oriented career.
- The course is well structured with enough theory and supporting practical. It will help all types of students to go for higher studies or to do research
- The curriculum could be designed to produce employable graduates.
- Good
- The course is very helpful in understanding the concepts and the triple main system clearly helps the students to explore a wide range of fields in both higher studies and employment
- More research oriented modifications are appreciable.
- Research and Development could be given more weightage in the curriculum.
- more instruments should be added in the lab
- Placements should be organized by Christ
- placements is needed

Analysis Report.

Industry Feedback 2016

Department of Physics & Electronics

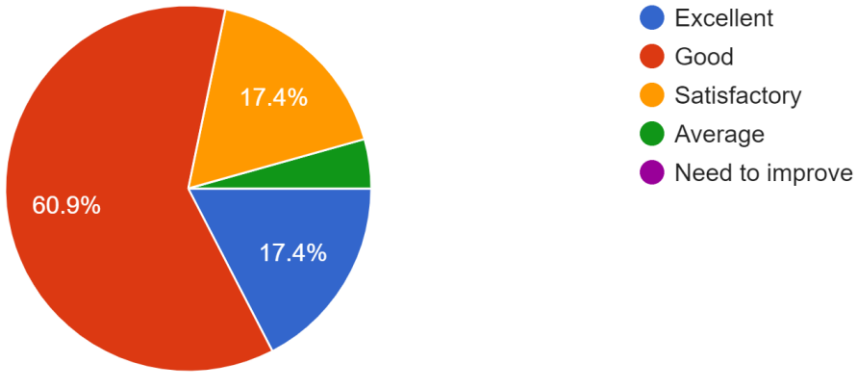


Dr. George Thomas,
Head of the Department.

Industry Feedback June 2016

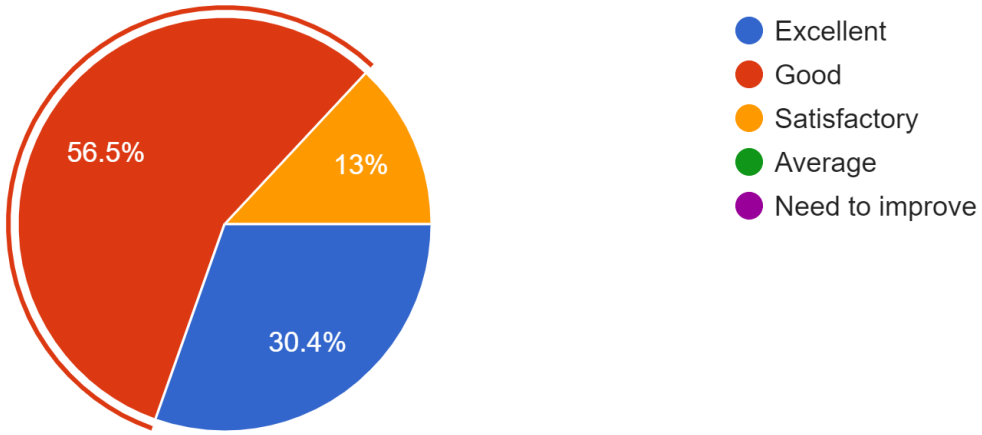
Is the curriculum updated on a regular basis depending on the current trends and advanced topics?

23 responses



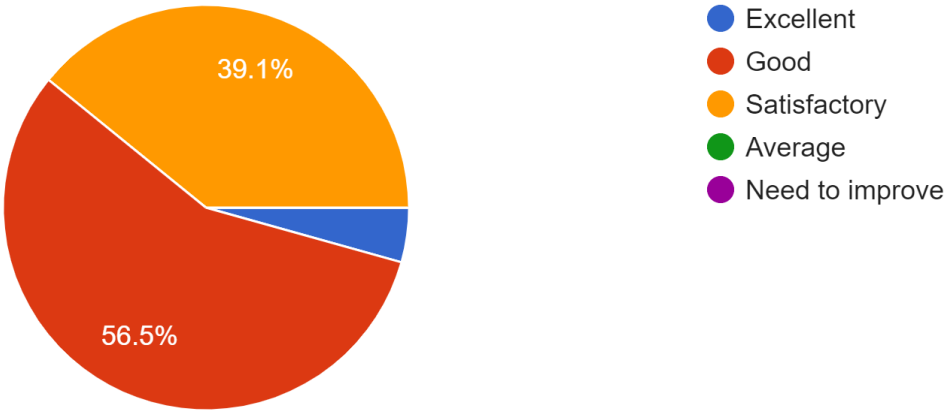
Does the curriculum orient the students towards higher education?

23 responses



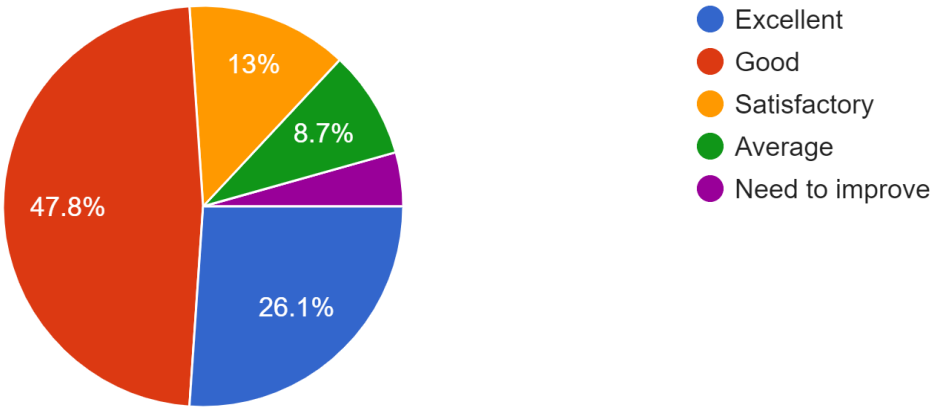
Does the curriculum provide employability weightage?

23 responses



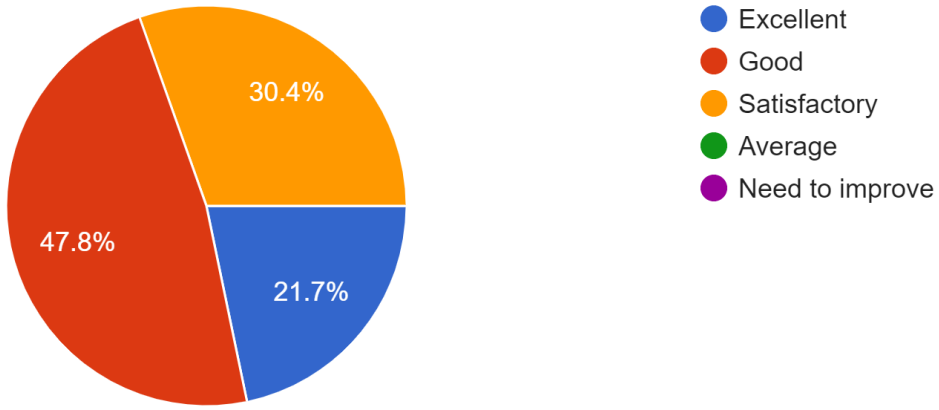
Does the curriculum meet the expectations of the industry?

23 responses



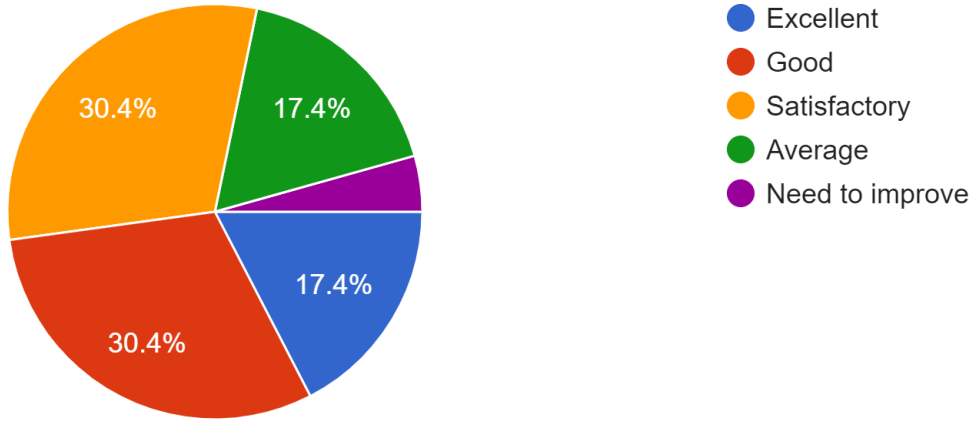
Does the curriculum enable the student to connect the knowledge to real life application?

23 responses



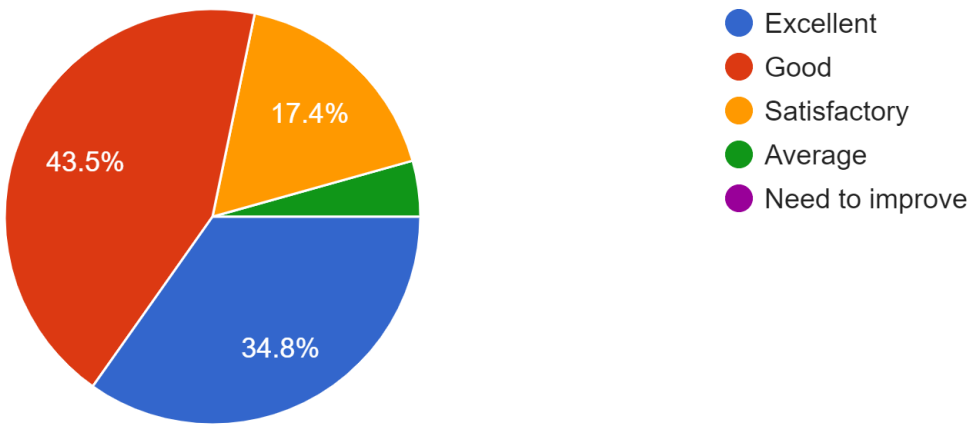
Does the curriculum encourage entrepreneurship?

23 responses



Do you think that the curriculum motivates the students for research and development?

23 responses



Action Taken

The students get a lot of exposure to the future prospects of research in the field of astronomy and material science which encourages them to pursue higher studies

good

The syllabus can concentrate on a more application-based approach

Good experience for us

expand the research fields

CHRIST should provide more research facilities

The syllabus can have a more real-life application based and hands-on approach

Can include more industrial exposure

Syllabus can be more industry-oriented

CHRIST should provide more research opportunities.

I would suggest increasing the duration of the program as it is very useful for future students

-

Try to include more real-life applications to the curriculum

The topics look good at learning the basics of the subject with equal preference to theory and their applications. Try to include the recent developments that have happened in the theoretical aspects so that students can connect between the past and present of the topics

The curriculum is satisfactory.

The topics seem to be in perfect balance between theory and practicals. The research aspects are of high standards and are really encouraging to the enthusiasts

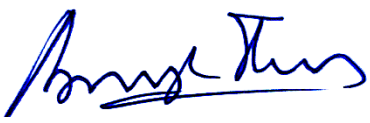
The curriculum is not up to the industrial standards. More care should be given to updating it accordingly.

The curriculum looks excellent. A kind suggestion to add more research courses.

Analysis Report

Faculty Feedback 2016

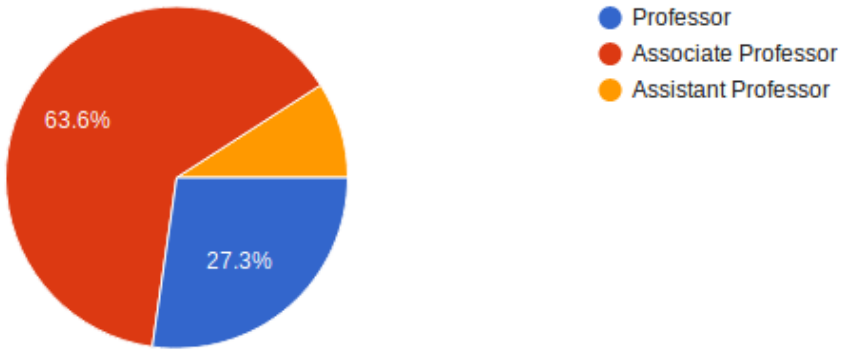
Department of Physics and Electronics



Prof. George Thomas,
Head of the Department.

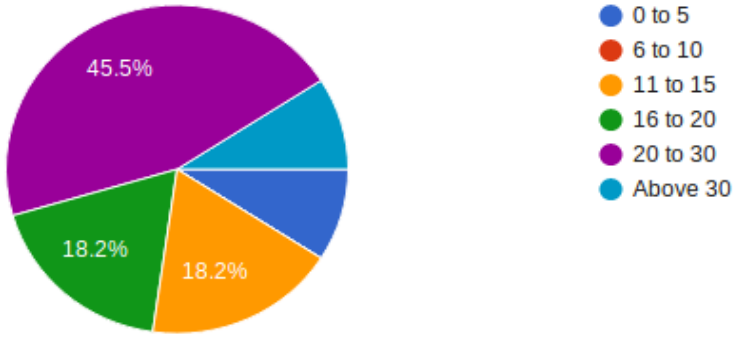
Designation

11 responses



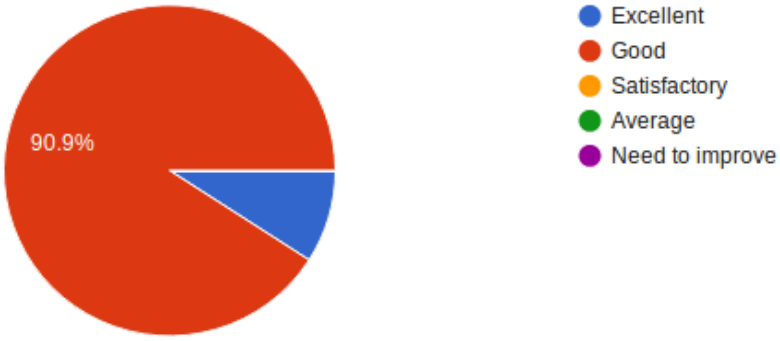
Experience in Teaching (Range of years)

11 responses



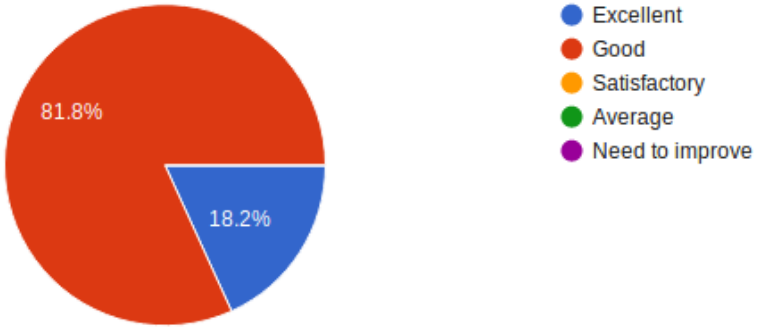
Does the curriculum satisfy the stated objectives and learning outcomes?

11 responses



Do you have continuous processes to propose, modify, suggest and incorporate new topics in the curriculum?

11 responses

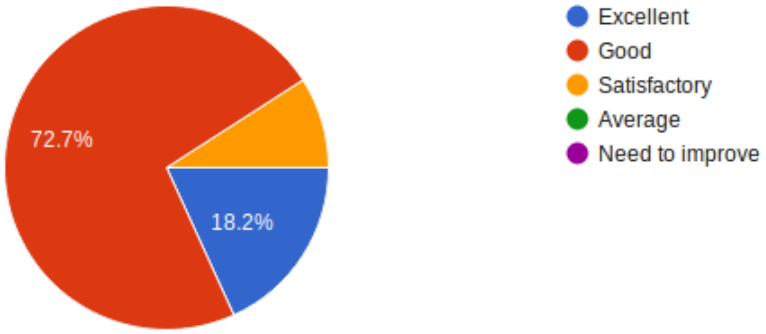


Is the curriculum effective in developing independent thinking?

11 responses

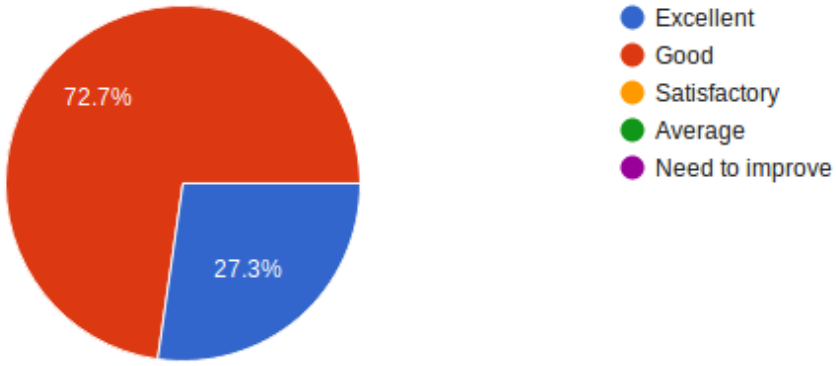
Does the departmental level expert committee meet to review the curriculum?

11 responses



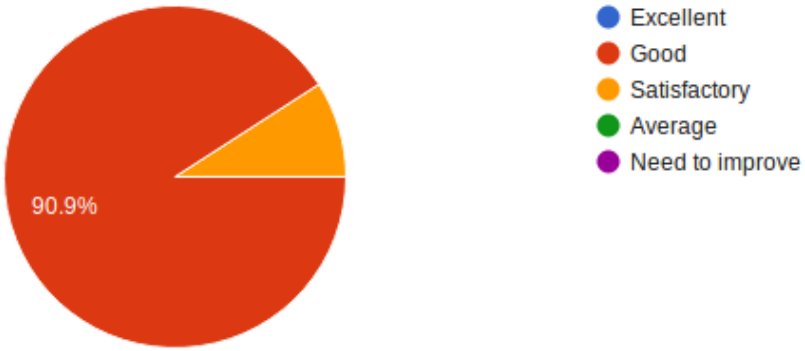
Does the curriculum enhance your knowledge in the subject area?

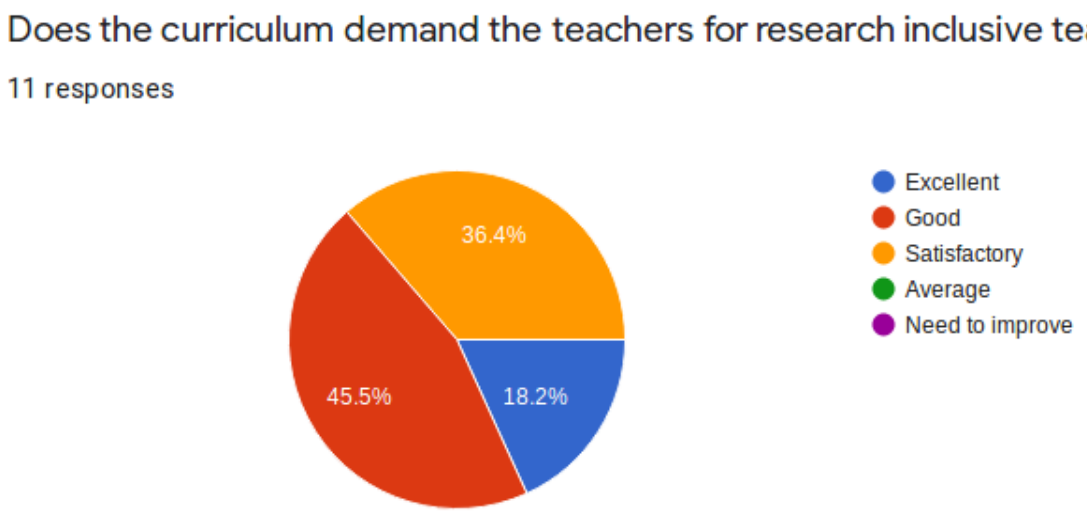
11 responses



Does the curriculum enable the students to apply their knowledge in real life?

11 responses





Actions Taken

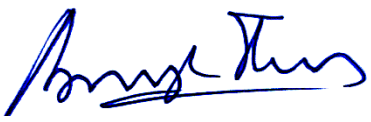
- The curriculum was prepared in order to acquire academic excellence, technical skills, scientific aptitude and temper and holistic development through practical oriented learning methodology.
- Overall the curriculum is good. Need to focus more on skill development
- Still there is a scope for improvement
- More thrust can be given to advanced electronics topics like embedded systems
- Minor modifications in the syllabi of Materials science papers MPH341a and MPH4441a have been proposed and approved this year.
- Though we are continuously updating the curriculum, there is a scope for greater improvements.

Analysis Report

Student Feedback 2016

Department of Physics and Electronics

CHRIST (Deemed to be University)

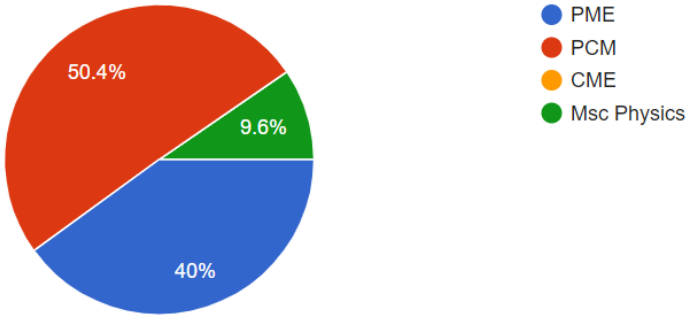


Dr. George Thomas,

Head of the Department.

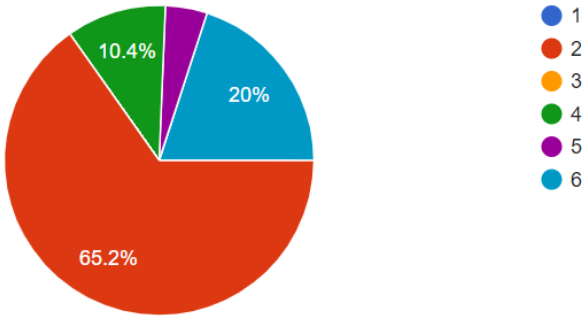
Name of the program

115 responses



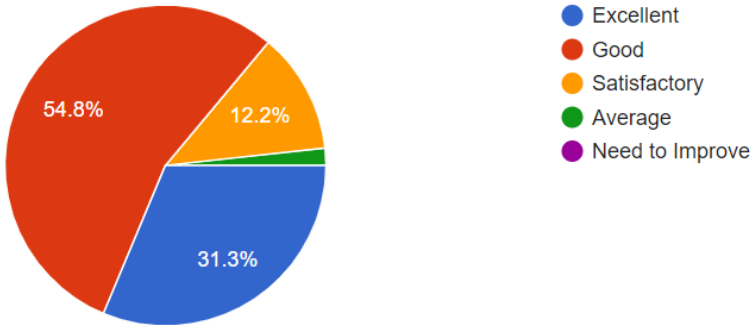
Semester

115 responses



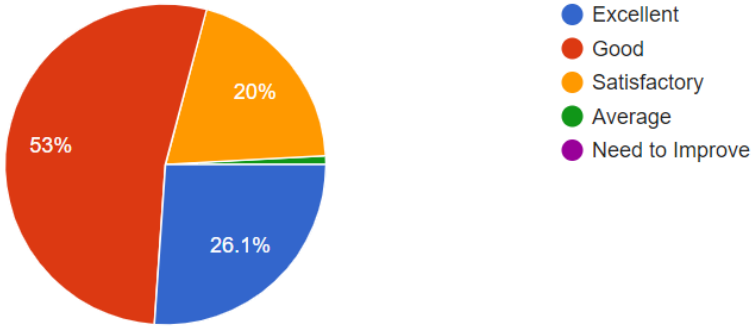
Does the content of the curriculum satisfy the stated objectives and learning outcomes?

115 responses



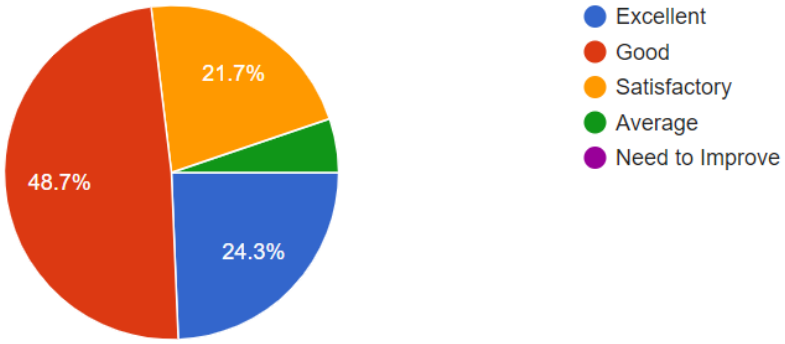
Does the curriculum cover advanced topics?

115 responses



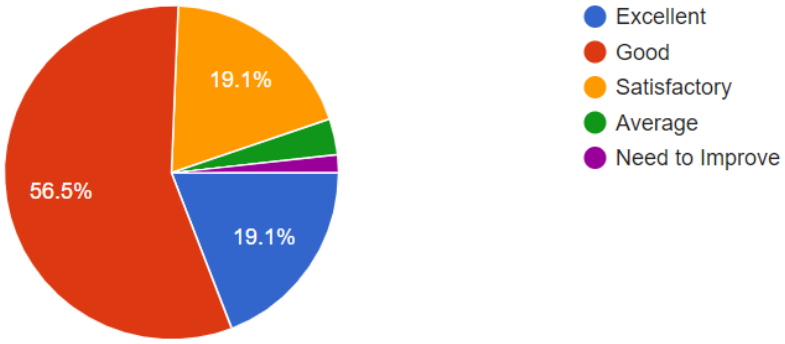
Whether the curriculum enhances your knowledge and skills in the relevant domain?

115 responses



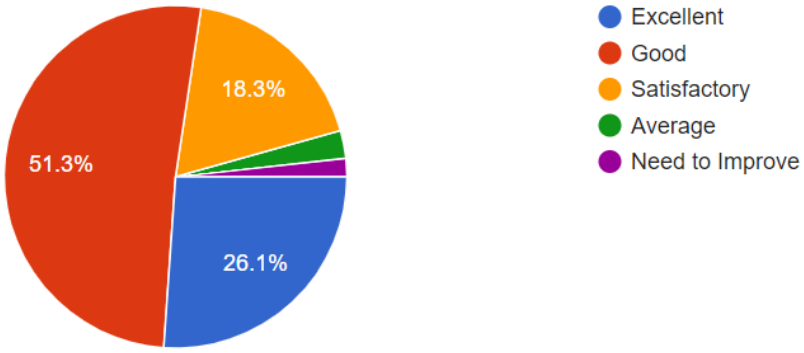
Is the curriculum effective in developing critical/ analytical thinking?

115 responses



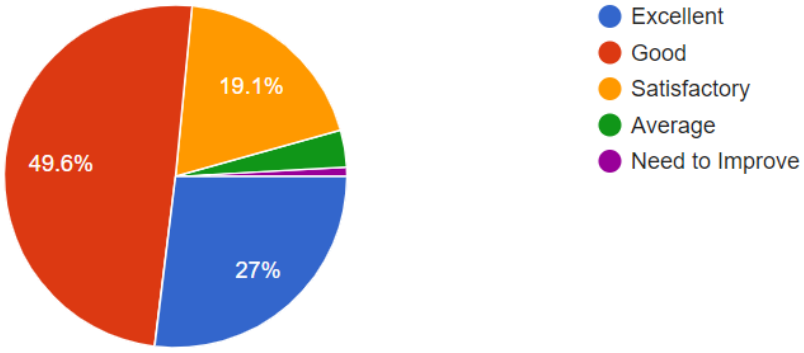
Are the text books and reference materials relevant to the content of the curriculum?

115 responses



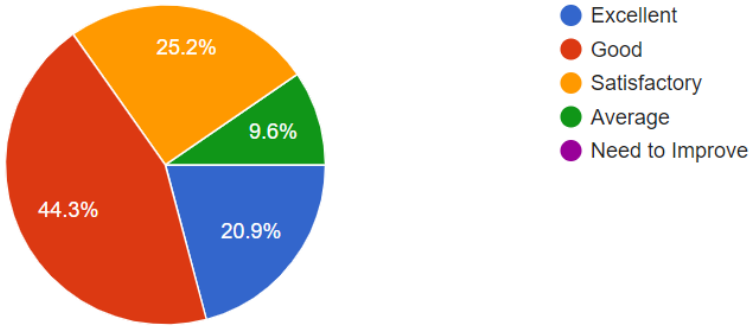
Does the curriculum orient towards higher education?

115 responses



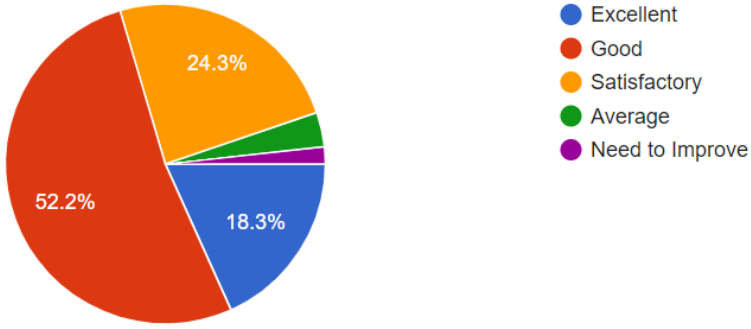
Does the curriculum enable the students to apply their knowledge in real life situations?

115 responses



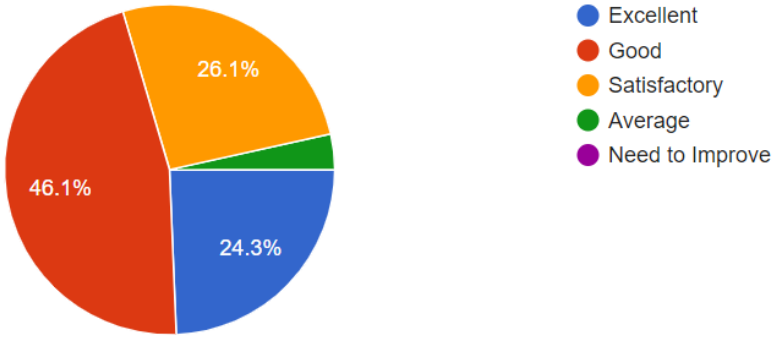
Is employability given weightage in the design and development of curriculum?

115 responses



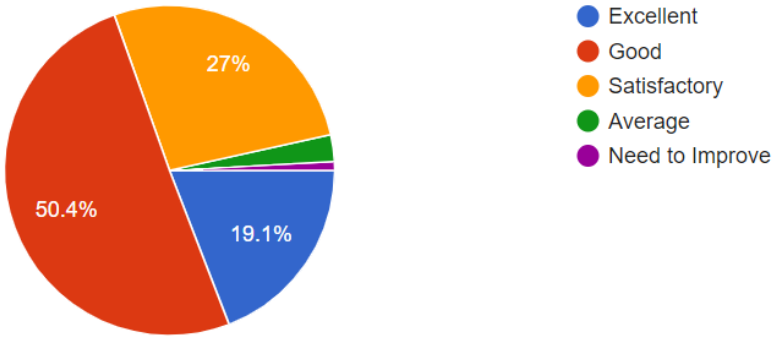
Does the curriculum promote self-study and attitude of research?

115 responses



Does the curriculum meet your overall expectations?

115 responses



Action taken

PHY231 Add few more reference books
Everything is good!
I am satisfied
More activity based learning
Highly equipped lab facilities expecting
Good
Nil
PHY131 need to be more research oriented.
Better relevant topics for ELE 151
ELE131 can include a little more advanced topics
PHY231 units need some more research output.
PHY151 subjects can be made more job oriented
More lab equipments required
MPH 442a can be improved with the context of competitive exams
Unit 3 of ELE 251 was a bit tough. It would be better if it was a bit easier!
The units 1 and 3 in PHY131 is concurrent with the industrial applications
PHY231 Add few more research ideas
PHY 151 curriculum is outdated
In the unit PHY 431 second unit has to enhanced, because it was too easy to understand
MPH 231 course plan need to improve.
PHY431:Syllabus is little too vast for unit 2
There is more scope for improvement in curriculum
PHY251 - here we need some improvements in the part of curriculum.
PHY 651 is comparatively tough .Better to modify the syllabus
ELE 331 Syllabus is very much interesting. Some of the part of unit 3 should be put in unit 4
MPH442a has to be improved more
PHY 531 is a bit difficult. It is better to make it a little easy
PHY431 Unit 1 is too tough to understand.
ELE551 can be made so as to include instrumentation realated experiments.
PHY 251 can be made more application based.
Some more NET oriented syllabus expecting in PHY 231
Curriculum for MAT631 should be improved to enhance analytical thinking.
ELE 231 doesn't have enough reference material
PHY 531- it would be good if it the syllabus is more updated and help crack Competitive exams ELE431- More industry oriented syllabus would be good.
MPH232 need some improvement regarding its current relevance to the field. MPH231 seems satisfactory. Lab experiments need more relevance to the subject.
PHY131 Very informative
PHY151 UNITS CAN BE MADE MUCH MORE EFFECTIVE IN STUDYING CONCEPTS.
PHY331 is good and relevant. PHY551 and PHY641 labs are a bit difficult since we do not know the advanced theories behind the experiments. ELE551 is good and job oriented.
Expecting some more job oriented syllabus

The unit 2 and 3 are relevant in the ELE131, because these topics are focusing towards application levels
lab work should be more related to real life phenomenon
PHY 431 in the unit 1 found it too difficult, please try to reduce the syllabus burden
Some of the experiments in practical PHY251 are quite tedious.
ELE451 needs contains more theory to understand the working of many things properly
PHY131 could have been supported with more reference materials.
MPH231 subject should be framed for facilitating higher education
Curriculum was excellent. In PHY 351 the experiments were too technical for me to grasp.
The units 3 and 4 in the PHY 431 covers a vast scientific area, but the timeframe did not allow us to explore all the possibilities. It would be great if more time could be allotted for the semester.
PHY431 add more of applications related problems to this unit
PHY631need to be oriented to higher education.
It would be good if preparation for competitive exams is also included in the curriculum
PHY231 Need few more research ideas
PHY 451 and ELE 451 are very theory based it can be improved by including more stuff related to practical
PHY 551 can be updated to present requirement
PHY551- more updated experiments will be good. ELE531- Updated syllabus will be helpful
Need some more IV in each semester
Unit 4 of ELE251 could have been allotted more time
MPH442a exam was too easy, so change exam pattern or syllubus.
PHY 131 UNITS CAN BE EFFECTIVELY MODIFIED FOR FURTHER LESSONS.
Better if more application level topics are included
overall a good experience just a little bit improvement in job oriented curriculum is required
Employability should be given more weightage in the curriculum
All the theory papers including PHY 331, PHY 351 were meeting my expectations in gaining fundamentals. The electronic theory papers ELE 331, ELE 431 were somewhat sticking to contents which seems conflicting. Also the physics practicals PHY 351, PHY 451 were good in making the theory contents more clearer whereas the electronics practicals ELE 351 and ELE 451 were somewhat very basic in approach and not giving importance to modern electronics.
PHY131 Good and Informative
Need some changes in physics lab. Final exam pattern is a bit difficult to answer. A slight change will help the future students.
PHY651 can be more career oriented.
PHY 531 consists quite long chapters.
PHY251 require some more modifications in the last three units.
Request to add advanced topics to PHY 631.
Curriculam should be more job oriented
PHY531- good updated syllabus ELE 551- Lab needs to be more updated
overall satisfied with the college curriculum
The syllabus PHY 151, classical mechanics, is more relatable to the real life and at the same time which is up to the application level.

Please help us by teaching more job oriented subjects like ELE551. PHY541 theory can be more elaborate.
PHY131 Add more research inputs
Add more application based topics to PHY531
MPH321 subject content is not covered full topic some more subjects has to be aaded
PHY551 can be made easier
Kindly add more reference materials to PHY651
PHY131 MUST BE IMPROVED IN ORDER TO MAKE STUDENTS MORE TOWARDS THE SUBJECT CONCERNS
PHY251 Need few research ideas
Theory papers in PHY 331 and PHY 351 were more informative. Even though practicals in PHY 351 and PHY 451 were good, the electronic practicals ELE 351 and ELE 451 included too much basics and did not include any advanced electronics.
PHY631- Syllabus is good, helps in higher education ELE 551- Lab needs more updated equippments
Please include more advance research based topics to PHY651
PHY251 UNITS MUST BE INTERCHANGED WITH PHY231
PHY 631 need to be modified with more advanced topics.
PHY651 lab needs more time to do experiments. More advanced and job oriented topics needed in ELE651 and ELE631.
PHY131 CHAPTERS ARE SO TOUGH . WE NEED SOME IMPROVEMENTS.
PHY251 UNITS CAN BE MADE MORE EFFECTIVE FOR THE RESEARCH.
PHY151 LAST CHAPTER CAN BE PUT IN PHY231
The theory papers helped me in understanding the fundamentals of Physics. The depth of the content were enough. But electronics theory papers were too deep in theory which we find difficult to grasp especially in ELE 451. The physics practicals also help us to make the theory more clear. But in PHY 451 some experiments were not found to be associated with any theory that we learned. If experiments which are more sticking to the theory were used, it would be more helpful. Electronics experiments were too elementary where the theory deals with advanced electronics.
PHY251 Add few more reference books
For PHY651 it would be appreciable if more relevant experiments are added.
SOME MODIFICATIONS NEED TO BE IMPLEMENTED ACCORDING TO THE SUBJECTWISE UNDERSTANDING.
PHY151 Good and informative
PHY151 NEED SOME CLARIFICATIONS.
PHY231 Excellent class
No more clarifications needed.
PHY251 Satisfactory
PHY151 NEED SOME CLARIFICATIONS
PHY231 Excellent session