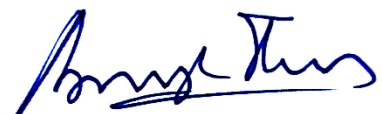


Analysis Report

Faculty Feedback 2018

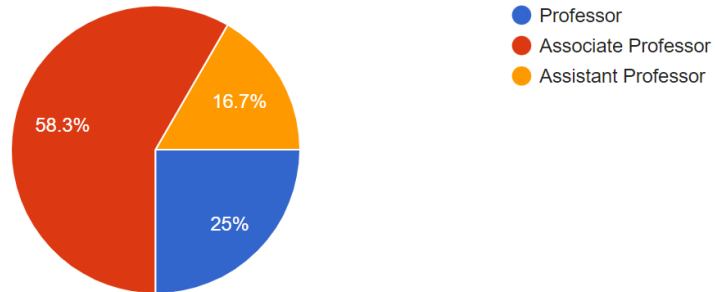
Department of Physics and Electronics

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Prof. George Thomas,
Head of the Department.

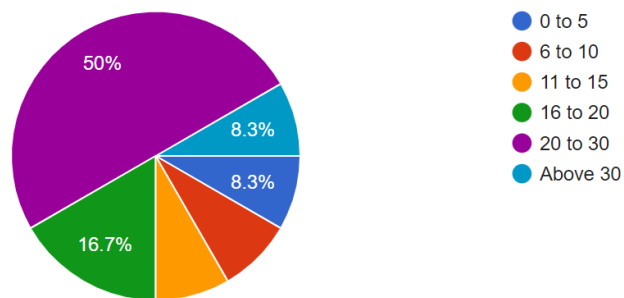
Designation

12 responses



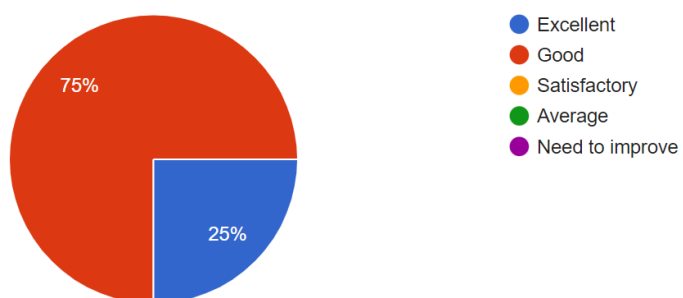
Experience in Teaching (Range of years)

12 responses



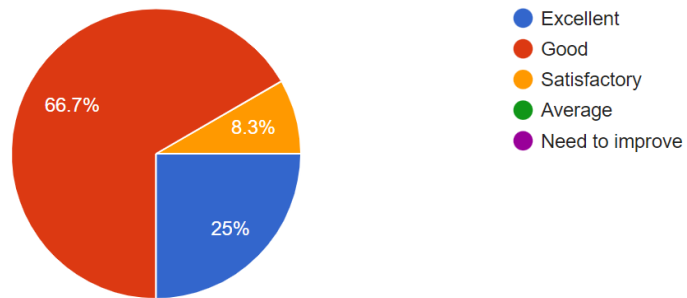
Does the curriculum satisfy the stated objectives and learning outcomes?

12 responses



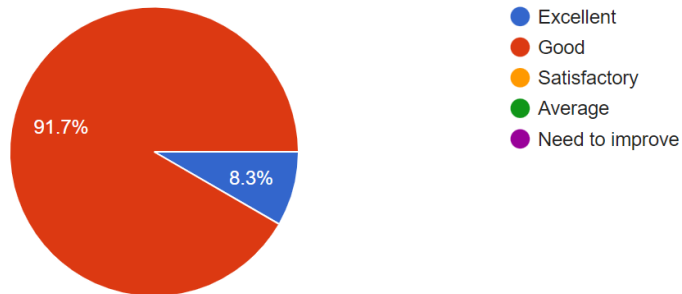
Do you have continuous processes to propose, modify, suggest and incorporate new topics in the curriculum?

12 responses



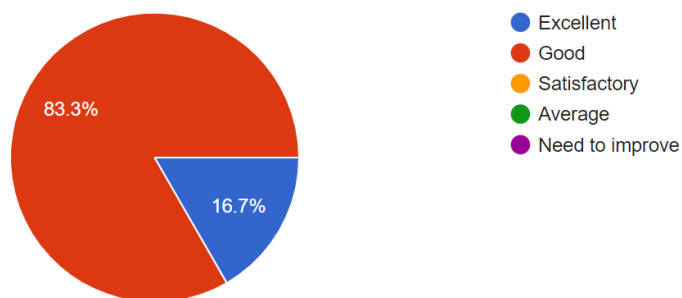
Is the curriculum effective in developing independent thinking?

12 responses



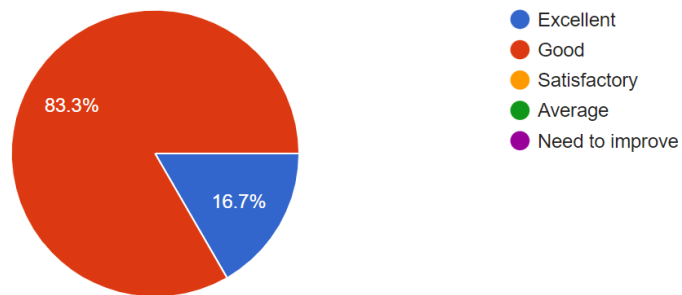
Does the departmental level expert committee meet to review the curriculum?

12 responses



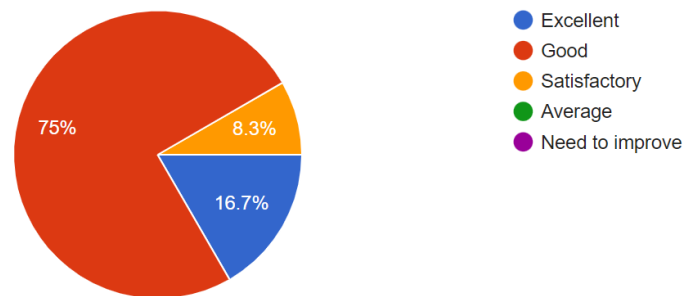
Does the curriculum enhance your knowledge in the subject area?

12 responses



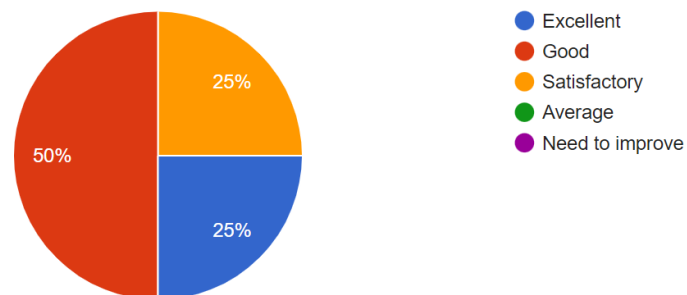
Does the curriculum enable the students to apply their knowledge in real life?

12 responses



Does the curriculum demand the teachers for research inclusive teaching?

12 responses



Actions Taken

- UGC CBCS introduced for II year students curriculum modified to adapt to the emerging trends.
- Two elective papers introduced in final year BSc syllabus. Students are getting more options to select subjects as per their requirements
- More experiments should be introduced to enhance the skill of the students
- There is a scope for improvement
- The syllabus was updated as per the CBCS with Electives. So students have the freedom to choose subjects as per their interests and likes.
- Courses on Research Methodology was newly introduced. One more paper on Mathematical Physics was introduced.
- Proposed additional paper in Mathematical Physics and Research methodology which is now approved. Scope for improvement in MPH341a paper.

Supplementary BoS Minutes 2019

This is a supplement to the minutes of the 11th Meeting of the Board of Studies of Electronics the Department of Physics and held on 04-02-2019 at 10 AM in Board Room, Auditorium Block, Christ University, Bangalore Central Campus.

The board of studies **considered the feedback given by the stakeholders**, namely the faculty members, current batch of students and Alumni. After discussion it is **decided to incorporate the relevant changes in the curriculum as per the comments shared by the stake holders in the feedback document.**

These changes are applicable to UG Physics, UG Electronics and MSc Physics programs as mentioned in the BOS minutes of meeting.

In the Chair: Prof. George Thomas C. Head of the Department



Head
Department of Physics and Electronics
CHRIST (Deemed to be University)
Bengaluru - 560 029

Minutes of the 11th Meeting of the Board of Studies of the Department of Physics and Electronics held on 04-02-2019 at 10 AM in Board Room, Auditorium Block, Christ University

In the Chair

Prof. George Thomas C, Head of the Department

Members Present

All members as per the attendance list were present.

Leave of absence

Dr. Sarbari Bhattacharya could not be present and was granted leave of absence.

Declaration of Quorum & Calling the Meeting to Order

The Chairman declared the validity of the Quorum and called the Meeting to Order. The Chairman welcomed all the members and the invitees.

Matters on the Agenda

1. To confirm the Minutes of the previous meeting held on 03-02-2018

The minutes of the previous meeting of the Board of Studies of Physics and Electronics as per Annexure A to the Notice was duly reviewed and approved by the meeting. It was noted that there were no matters arising out of the Minutes.

The Board also ratified all the previous decisions of the Boards of Physics and Electronics.

2. To consider and recommend the change in curriculum for B.Sc, M.Sc & M.Phil Programmes

The Board of Studies reviewed and approved the proposed changes in the B.Sc Physics curriculum of semesters I to VI as presented in the meeting as per Annexure B;

i) the list of experiment of PHY151 (Mechanics Lab), PHY251 (Electricity and Magnetism Lab), PHY 351 (Thermal Physics and Statistical Physics Lab), PHY451 (Waves and Optics Lab), PHY551 (Modern Physics I Lab), PHY552C (Astronomy and Astrophysics Lab), PHY651 (Modern Physics II Lab) and PHY651B (Quantum Mechanics Lab) were updated with addition and deletion of some experiments.

ii) the syllabus of theory courses PHY531 (Modern Physics I), PHY631 (Modern Physics II) and PHY641B (Quantum Mechanics) were updated and fine tuned.

The Board also reviewed and approved the changes incorporated in the BSc syllabus for Electronics as presented in the meeting as per Annexure B;

i) the syllabus of theory courses ELE531 (Embedded Systems), ELE541A (Optoelectronic devices and communication), ELE541B (Electronic Instrumentation), ELE631 (Verilog and FPGA based Design), ELE641A (Non conventional Energy sources and Power Electronics) and ELE641B (Nanotechnology and Nanoelectronics) were revised and updated.



ii) The list of experiments of ELE551B (Electronic Instrumentation Lab) was updated by deleting some experiments and adding a few new experiments.

The proposed changes in the MSc Physics syllabus for the courses MPH133 (Quantum Mechanics I), MPH134 (Mathematical Physics I), MPH233 (Quantum Mechanics II), MPH331 (Nuclear and Particle Physics), MPH341B (Electronic Instrumentation) and MPH352B (Lab -6, Electronics I) were approved.

The Board reviewed the MPhil syllabus and opined to continue with the same.

Having considered the validity of the reasons for the suggested changes, the Board approved the same subject to the approval of Academic Council.

3. To review the CIA pattern for B.Sc & M.Sc Programmes

The Board briefly reviewed the CIA pattern of UG and PG courses.

4. To review the Results of the End Semester Examinations of March / October 2018 for B.Sc. & M.Sc. Programmes.

The Board reviewed the result analysis of odd and even semester examinations of B.Sc and M.Sc programmes as presented in Annexure C.

5. To review and include names in the panel of Board of Examiners for M.Sc and M.Phil programmes

The Board suggested the names of new members to be included in the panel of BOE for M.Sc and M.Phil programmes and approved to include their names in the panel.

6. To consider any other matter with the permission of the Chair

With no other matters to discuss, the chairman adjourned the meeting, thanking all the members present.




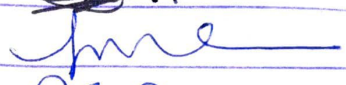
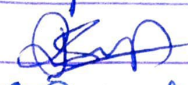
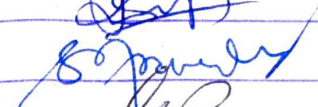

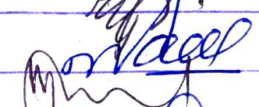


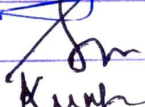
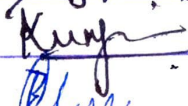
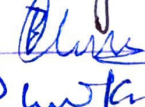
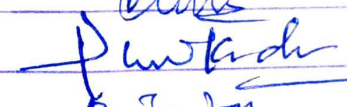
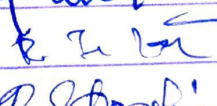
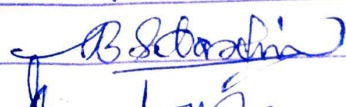


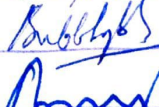

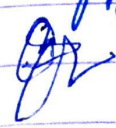
(George Thomas C)

Chairperson

Board of Studies

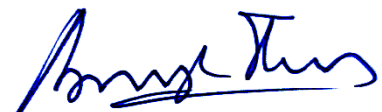


BOS Meeting of Physics & Electronics Department
 Date: 04-02-2019, Monday, Time - 10 am
 Venue: Board Room, Auditorium Block

Members Attended	Signature
1. MAHESWAR GOPINATHAN	
2. G. N. DAYANANDA	
3. SREEJA S. KARTHA	
4. SRANITH ANDRAN	
5. B. Nancy	
6. Ashoka. NV	
7. MUKUND NNARAGUND	
8. Johnson. OJ	
9. SUMAN MANDOT	
10. A G Kunjomana	
11. Blesson Mathew	
12. Paul K F	
13. P. Immanuel	
14. Benny Sebastian	
15. SYED AZEEZ	
16. Vinuth. V	
17. Bubbly S G	
18. George Thomas	
19. S. B. Gubennwar	

Analysis Report.
Industry Feedback 2018

Department of Physics & Electronics

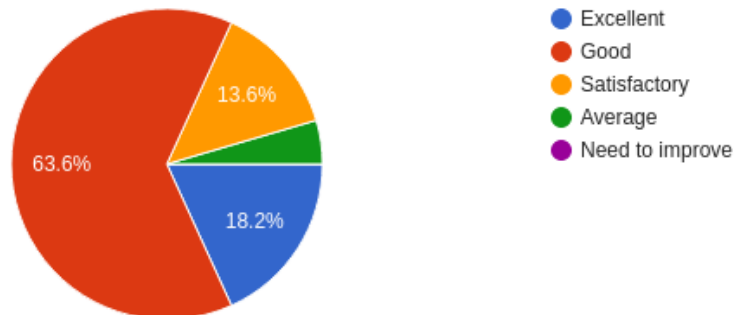
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Dr. George Thomas,
Head of the Department.

Industry Feedback June 2018

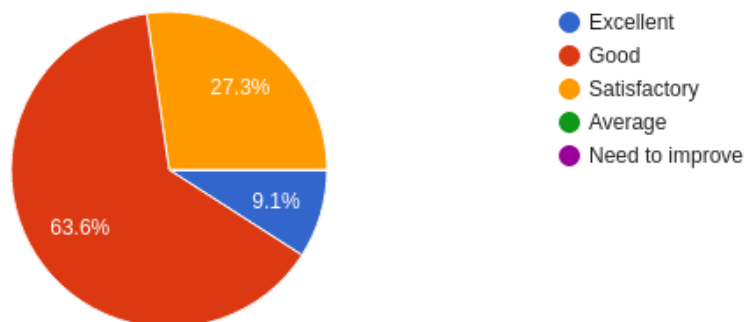
Is the curriculum updated on a regular basis depending on the current trends and advanced topics?

22 responses



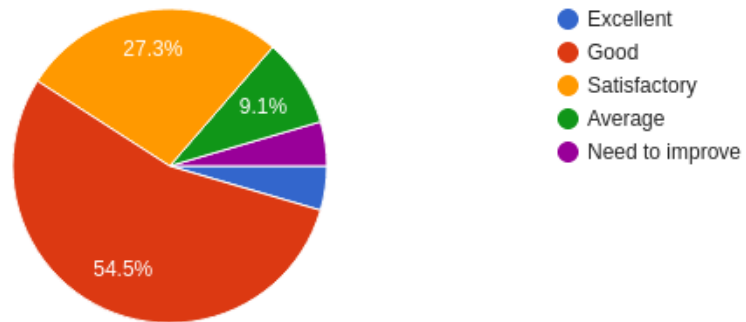
Does the curriculum orient the students towards higher education?

22 responses



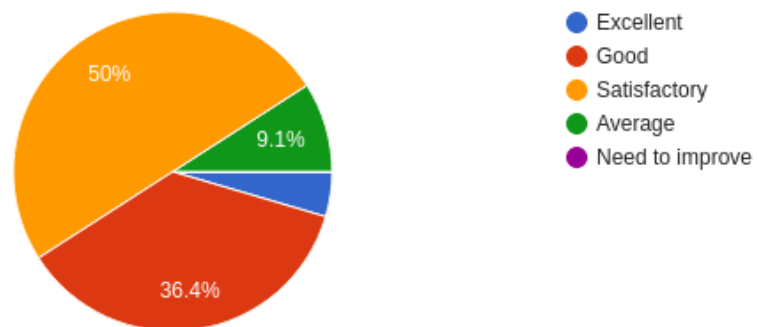
Does the curriculum provide employability weightage?

22 responses



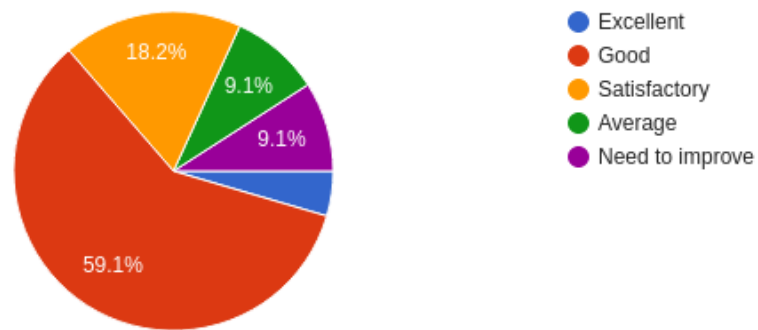
Does the curriculum meet the expectations of the industry?

22 responses



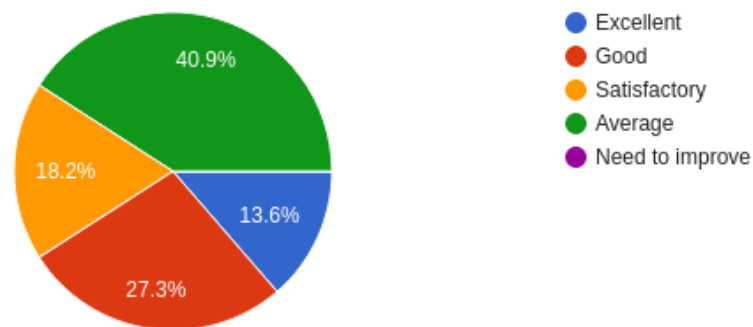
Does the curriculum enable the student to connect the knowledge to real life application?

22 responses



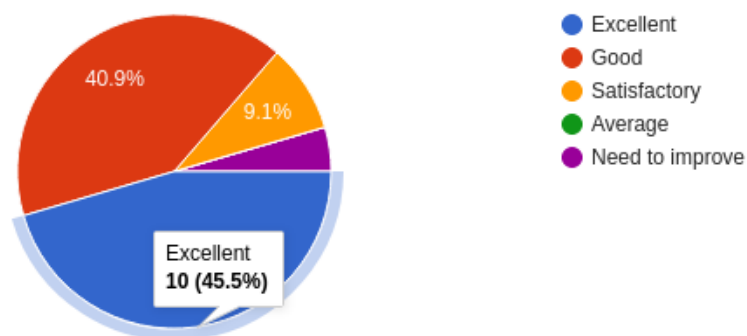
Does the curriculum encourage entrepreneurship?

22 responses



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

22 responses



Action Taken

Curriculum lacks in preparing students for industrial wants

Give more employability weightage to the curriculum

More focus can be given to industrial training

update the curriculum for enable the student to connect the knowledge to real life application

Useful and informative experience

The syllabus focuses on enabling the students with computational skills in astronomy

CHRIST has a good research team in Physics. Hence it would be good if they install more research facilities such as supercomputers etc.

important current trends in industry were discussed. overall the program was nice, but it should be given more time

Update the curriculum with advanced research areas

More time should be allotted for self study and research

Good

More such session should be initiated

Introduce more research grants

Time should be allotted for the last units of subjects

Try to improve the curriculum so that it may reach the industrial expectations.

Good for people who wants to start a business, but are from science background

Should include more coding techniques and computational skills in the syllabus

Overall a good curriculum. More weightage should be given to trainings and hands on sessions

The curriculum looks Satisfactory.

The curriculum is overall good with enough weightage to theory and their applications, but in research one or two topics are found to given too much preference. But it is appreciable if more areas of the subject are being taught to the students so that they will get a good exposure to the depth of the subject

The curriculum can be restructured to make it more modern. Especially give more weightage to research activities.