

FEEDBACK AND ACTION TAKEN REPORT ON CURRICULUM

Academic Year 2016 – 17

Code: 15PH/MC/PA14

- Atom model in Unit 5 of the Syllabus can be brought forward, so that Students will be able to understand the concepts like Photoelectric effect, X-rays etc in the next unit can be more efficiently understood.

Code: 15PH/MC/TS24

- Unit 5 of the Syllabus can be modified to include the connection between Thermodynamics and Statistical Mechanics and the need and significance of Statistical Mechanics.
- Text book by B.B Laud can be used for reference.
- Pattern of Evaluation can be retained as it is.
- Concepts like phase-space and ensembles are too advanced and can be removed.

Code: 15PH/MC/EL14

- Unit 4 of the syllabus can be modified to include the basis of semiconductors which may help understand the other advanced topic in the syllabus. To be specific, the order of the units can be changed and fabrication of IC's can be removed to include the basic concepts of semiconductors.

Code: 15PH/AC/PH23

- Instead of seminars, poster presentations can be done to avoid lack of time. Presentations can be recorded and uploaded in You Tube or other portals for evaluation.

Code: 15PH/MC/ME34

- Equations of motion could be included in the syllabus.
- A text book to explain Lagrangian Mechanics can be added.
- Text book by Murugesan was suggested.
- In the third component section, construction of Lagrangian for a system can be included.

Code: 15PH/MC/P332

- Students can be encouraged to try the circuit connections at home previously for better learning.

*Selina Xavier*

**Code: 15PH/MC/P442**

- Explicitly mention the topic in experiment No. 8

**Code: 15PH/MC/MM54**

- Instead of unit 5, add the fundamentals of microcontrollers

**Action Taken**

Relevant and necessary action will be taken during the next restructuring.

*Silina Xavier*