

UG Syllabus (CBCS)
Physics
General Comments

Syllabus:

1. There are 20 elective papers suggested in the UGC guideline. It is impossible for any college (or even a university) to offer all of them. But we did not delete any of them. We suggest that a college should offer some of them depending on the faculty available. The number of elective to be taken by a student is four. We suggest that at least six should be offered by the college.

Implementation:

The courses offered are in fact good and well structured. But given the diversity, a proper teaching programme can be implemented only with a proper infrastructure. We mention about one of the requirements below.

1. The colleges should have sufficient faculty strength. The size of the faculty should depend on the student strength. But the minimum number of full-time permanent teachers should be five.
2. The laboratories should be properly equipped. This will require a substantial amount of financial help. The colleges should be asked to prepare the budget. The quantum of financial help will depend on the present situation in the labs and the student strength. But the average aid to individual colleges will be of the order of a crore (in Rupees).
3. The Government or the parent university will have to organize extensive Teachers' Training programmes. The training programmes will be primarily required for running the practical classes, but it may also be required to train the teachers about the philosophy of the curriculum, particularly in the beginning.