

I. THE PRESENT ACTIVITIES OF THE DEPARTMENT OF PHYSICS

The present activities indicate clearly the need of extension.

(a) In regard to Undergraduate Students Taking Ordinary Courses

The number of undergraduates from all faculties attending ordinary courses in Physics is at present about 500. The majority of these students are attending six courses, which are repeated in two or more sections and should be subdivided further for the best instruction. Seven further courses (primarily designed for advanced students) are also attended by certain ordinary students in small numbers. The services of four professors, two lecturers, and seven demonstrators are involved in these six larger classes. Numerous tutorial classes are given in addition to these.

(b) In regard to Undergraduate Honours Students

The total number of honours students in the second, third, and fourth years has ranged recently from ten to fifteen per annum in number. This important group attends twelve courses in Physics, involving the services of nearly all the staff of the building.

In this group there have been seventy-four honours graduates since 1890, of which number twenty-two have graduated in the last five years. The majority of these are taking an active part in the scientific life of the country.

(c) In regard to the Graduate Faculty

The number of graduate students proceeding to the higher degrees of M.A., M.Sc., or Ph.D. in Physics has ranged from ten to twenty per annum in recent years. This group is considered to be of special importance, and requires twelve more courses, involving the services of all