

(4). The Second Year students in Chemistry get only half the laboratory work which they should cover.

(5). We have been obliged to reduce the amount of Shopwork and condense it into the First Year.

(6). It is practically impossible in the Departments housed in the Engineering Building to carry out any serious Research Work.

4. Furthermore, there is no room to develop in any Department so as to keep pace with the increased demands of modern rapidly developing industrial and engineering requirements.

We have a lot of machinery stored away which cannot be even displayed (e.g., \$100,000.worth given by the Air Board.)

There is no room for many types of modern engines in our laboratories.

The classes cannot - on account of the restricted laboratory space available - be divided as much as they should be, and large classes have to be handled with a consequent inefficient instruction. The important subject of Hydraulics has no laboratory worth mentioning.

Many other instances might be mentioned.

To sum up - This is the biggest and has been one of the most successful faculties of the University. It has made a world-wide reputation for itself. This reputation will certainly decline if our work is inefficient, as it now is and must continue to be unless more space can be secured.

It is suggested that to meet these pressing needs -

(a) The New Science Building be commenced this spring. This will give the required space for Chemical Engineering, Mining Engineering, Geology and Mineralogy.

(b) That more space be made available in the Engineering Building for the Departments of Civil Engineering,