

equipment for research the following sums are required:-

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|---|----------------------------|
| For electrical measurements and communication --- | \$5000.00 |
| For dielectric measurements and investigation of dielectrics ----- | 2000.00 |
| For proper equipment of the high voltage laboratory ----- | \$12,000.00 to \$15,000.00 |

Appropriations should be provided for two junior demonstratorships tenable for two years, giving the holder the opportunity of obtaining the degree of M.Sc. or M.Eng. in two years, while serving as a part time demonstrator in the department.

2 x \$750 = \$1500.00 per year.

With the above equipment, valuable engineering research can be carried on, which will grow in importance from year to year.

Salaries of the Teaching Staff.

The salaries paid to members of the regular teaching staff are not sufficient to enable the men to live comfortably, and they must be supplemented from sources outside the University.

While consulting work and the carrying out of special investigations are advantageous, in that they keep the members of the staff in close contact with those industries for which they are training men, they take up the time which might otherwise be employed in scientific research.

C. V. Christie

Head of the Department.