

## DEPARTMENT OF ELECTRICAL ENGINEERING

During the past year, the electrical department inaugurated a comprehensive rehabilitation program. This program has been partially completed and includes the more efficient use of available space, the painting and decorating of all laboratories, lecture rooms and offices, the installation of modern lighting the repair of motors, generators, meters and auxiliary equipment.

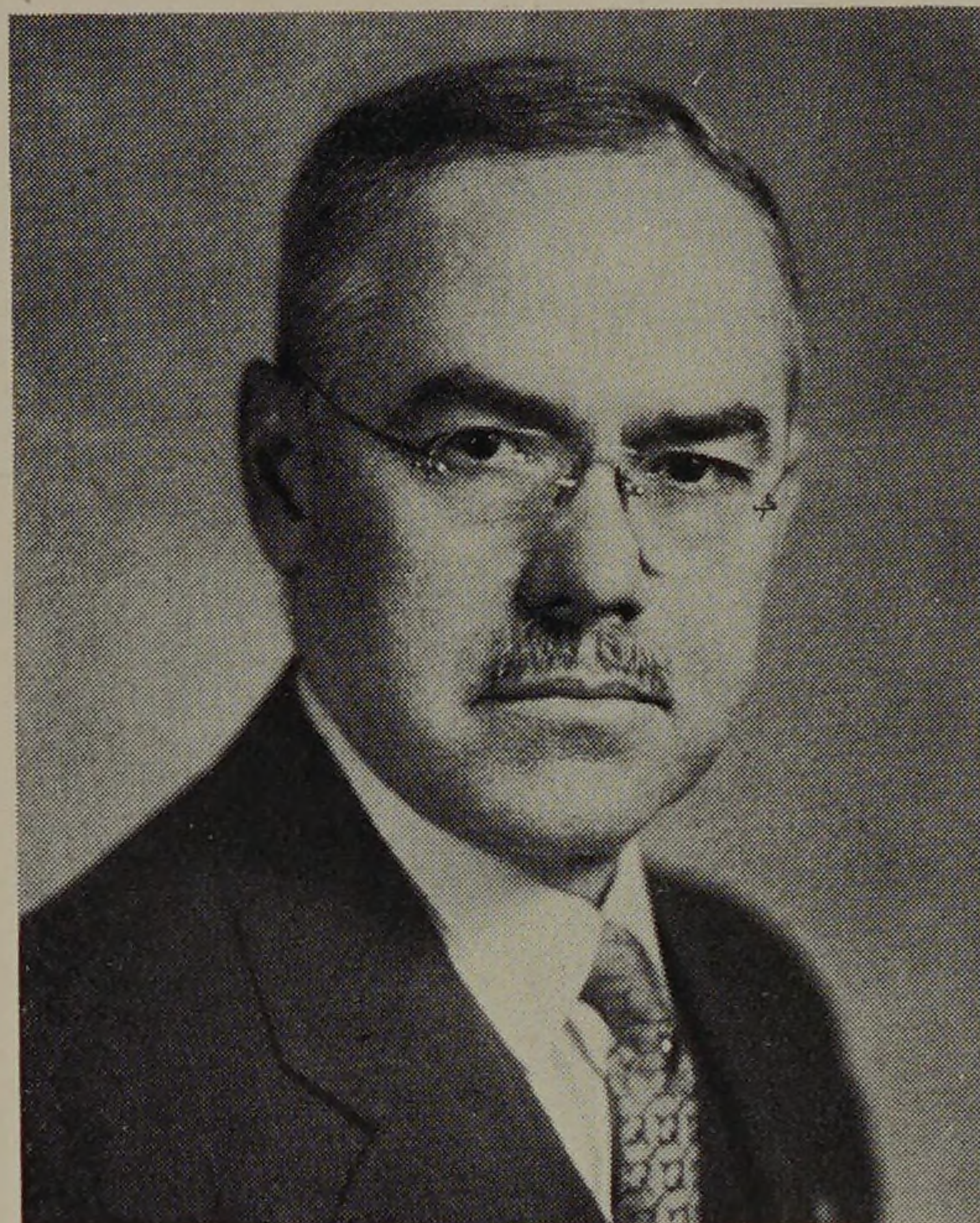
The motor-generator set, received from the General Electric Company, for the study of wave form, has been completely installed with switching and control equipment so that variable single or three phase wave-forms may be studied.

A systematic method of detailed supervision of all equipment and meters has been adopted. Daily records of all damaged equipment are maintained so that responsibility may be established and the apparatus may be repaired and replaced in service with minimum delay.

The electrical department office, formerly in the same room as the advanced electrical measurement laboratory, was moved to an-



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other room, increasing the space available for the junior laboratory. This provided space for the permanent connection of many pieces of standard equipment involving complicated circuits so that the student may devote more time to the major problems of the experiment and less time in making complicated connections. It also provided required space for the development of experiments in electronics, necessitated by the modern developments in this field.

The plan of arranging the program so that the laboratories may be used in the morning as well as in the afternoon has proven very satisfactory and has reduced the conflict in regard to the use of meters and equipment to a minimum.

Display cases have been arranged in which interesting electrical equipment and instruments which are seldom used and others representing various stages of development of the art, are displayed.

The increase in confidence in the equipment, the pleasure in working under the improved conditions, have resulted in a general improvement in morale and a decided increase in the efficiency of the students and the department as a whole.