

that it is the grounding in these fundamentals which is essential.

Staff Contacts.

It has been the considered policy of the Department to encourage its members to make commercial and technical contacts by engaging in engineering work as opportunity offers, and by serving as members of various technical committees associated with professional work. This develops in the younger members of the staff, a self-confidence which is a valuable asset, and enhances the effectiveness of their teaching. Students quickly appreciate a man who not only teaches, but practices what he teaches, and there is a distinct gain in prestige in the eyes of the student and of those who employ our students when an instructor is known to display a knowledge of his subject which practical application only can give. In addition to engaging in engineering practice our staff have given generously of their time to the work of numerous professional engineering societies, and of national engineering and research organizations. They have been honoured by appointment as members of advisory boards in connection with important engineering projects, and in many ways have added to the prestige of the University and of the Department. The following bodies may be named as typical of those on which different members of our staff have served, or are serving, or for which they have carried out important investigations:-