The annual meeting of the Society will be at 3:00 p.m. on Saturday, October 11, 1958. The Homecoming football game is Saturday night and the meeting will be held in Room 205, Mechanical Engineering Building, that afternoon. We look forward to your attendance.

Dean's Report on the Status of Engineering at Tulane.

The School of Engineering at Tulane University is facing an unprecedented period of growth and development and a report on the present status of the School is accordingly quite timely. One might say that the elements of any university division are the faculty, students, curricula, and physical facilities. Each of these will be discussed briefly in order.

Faculty. The present faculty of the School of Engineering is composed of 28 full-time members and 6 part-time members. The full-time faculty is distributed as follows: 4 in Chemical Engineering, 5 in Civil Engineering, 7 in Electrical Engineering, 11 in Mechanical Engineering which teaches the general engineering courses for all engineering students, and the dean.

It is a relatively young faculty which is actively engaged in research and development as well as in the improvement of teaching methods and in the search for new approaches to subject matter. Although it is relatively adequate for our present undergraduate program, it must be strengthened considerably as the graduate program expands. One step in this direction is the appointment of Dr. Ralph Rotty as head of the Mechanical Engineering Department. An additional faculty member in Mechanical Engineering is Dr. Paul Stevens who joined our ranks this summer.

Associate Professor John L. Martinez has been appointed assistant dean effective July 1, 1958 and will take over student affairs in the dean's office.

Students. The undergraduate enrollment in engineering has remained consistently in the neighborhood of 500 students during the past four years. Tulane now requires entering students to submit College Entrance Examination Board scores along with high school grades and letters of recommendation. It is anticipated that better admission procedures will reduce significantly the scholastic mortality among engineering students and also save others from what might otherwise be wasted years and fruitless expenditures.

Until recently, the graduate enrollment in engineering has remained in the range of from 10 to 15 students. Last year it increased to 32 students and this year to 49 students. Our graduate program faces a period of growth and development as we look forward to increased activity in research and additions to the faculty of the School of Engineering.

Curricula. Curricular studies have been in progress for almost two years and some significant changes are now becoming apparent from the many hours of deliberation which the faculty have devoted to these matters. It is too early to speak definitely of changes to be made but the faculty of the School is aware of current trends in engineering curricula and aware of the future demands which will be made upon our graduates. Among the modifications being considered are moving physics into the freshman year, giving calculus earlier in the curricula, approaching the subject of engineering materials from the point of view of solid state physics, strengthening the engineering sciences by teaching more effectively the relationship between the basic concepts in mechanics, thermodynamics, and electromagnetism, combining both theory and practice of engineering in courses throughout the four years of the curricula, and providing well chosen and adequate sequences of courses in various areas of the humanities and social studies.
Physical Facilities. The School of Engineering has been fortunate to receive substantial assistance for renovating and modernizing its physical facilities. More than a year ago, the Board of Administrators undertook a major renovation program for the uptown campus. This has helped Engineering in two ways. First, the School has received $112,000 to purchase new laboratory equipment and instruments. Again, major renovations of the entire engineering plant, including Stanley Thomas Hall, the Civil, Mechanical, and Chemical Engineering Buildings are now being completed. This includes painting, repairing, fluorescent fixtures, acoustic tile, office air conditioning, and general improvement in space utilization as well as a number of miscellaneous items. It is estimated that between $450,000 and $500,000 will be spent on the complete program of renovation and refurbishing.

Tulane Acquires Digital Computer

By the time this issue of the Tulane Engineer is printed, an IBM 650 Computer will be in operation on the Tulane campus and available to faculty members in all divisions of the University for their special research purposes. Professor James William Sweeney of the School of Business Administration and formerly on the staff of the Rich Computer Center at the Georgia Institute of Technology has been supervising the installation in space which was made available in Norman Mayer Hall.

It is anticipated that the availability of the IBM 650 with its auxiliary equipment will be a further stimulus to research at Tulane. The computer is to be used strictly for faculty research. This policy was adopted after an extensive survey of the experiences and problems of other computer installations in universities and after discussion with consultants.

Treasurer’s Report, 1957-58

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<th>James M. Robert Portrait Fund:</th>
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Note: The balance from the James M. Robert Portrait Fund was transferred to the James M. Robert Leadership Fund.

The officers for this past year are listed below. The slate of the Nominations Committee for the 1958-59 term will be announced at the annual meeting.

THE TULANE ENGINEER
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AIMS AND PURPOSES

1. To keep members of organization informed of the progress, activities, and needs of the School of Engineering.
2. To provide closer contact between former students and faculty by providing information about their whereabouts and activities.
3. To provide employment placement service for prospective graduates and members.
4. To provide a means for raising funds for specific equipment and services.
5. To provide an advisory group whose purpose it is to recommend improvements in curricula, instruction and classroom procedure.
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