There are several prevailing atmospheres at GPL. The working atmosphere is thoroughly professional. Management is by engineers who understand the engineer's goals, ambitions and working preferences. GPL engineers work in small groups, which encourage original contributions from every individual.

The other atmosphere at GPL involves the physical—the modern buildings and equipment, the excellent research and development facilities. These include an Environmental Test Lab, a Flight Test Section equipped with jet and conventional aircraft, and model shops for both formal prototype and informal experimental work. There is also a modern library of more than 2500 volumes. GPL is situated on 69 estate-like acres less than an hour from New York City, at residential Pleasantville in Westchester County.

At GPL you will have full opportunity to select the work of greatest interest to you, and you may choose to accept a direct assignment in that area, or participate in GPL's training program to broaden your engineering understanding.

Grandson Of Ghandi To Enter Graduate School

Kans R. Ghandi, a grandson of the late Mahatma K. Ghandi, will enter the Institute second semester to begin graduate studies in structural engineering.

Ghandi is at present associated with a private engineering firm in Calcutta and plans to complete his doctorate.

Democrats Use Brains

New Machine Predicts Election

A hitherto secret computing machine—one which can estimate human behavior—was used by Kennedy strategists in the recent election, it was revealed recently.

Built at a cost of $65,000 for the Democratic Party, the machine was able to tell Kennedy, as long ago as last August, what his stand should be on the religious issue, foreign affairs, and the upcoming TV debates, it was able to give the Democratic candidate his "image" in the voters' minds.

An article by Thomas B. Morgan, in the January issue of Harper's Magazine, discloses that the Simulmatics Corporation of New York City and Cambridge developed for the Democrats a mathematical "model" of the U.S. electorate. This machine fused "the memory, speed and accuracy" of electronic computers with over 6,000,000 pieces of information obtained in more than ten years of public opinion polls and other studies. It consisted of more than 100,000 interviews divided into 480 voter-types together with demographic and political facts on each group. Consolidated and transferred to a memory tape, the material in the computer could be scanned in about forty minutes.

**ATMOSPHERE**

*a surrounding or pervading influence*

These are some of the current areas of activity:

**Air Traffic Control.** GPL has a prominent role working with civilian and military authorities in the development of digital computer systems and devices for safe, efficient air navigation and traffic control.

**Advanced Radar.** GPL is the leading designer and builder of Doppler navigation systems. New projects include millimeter wave guidance, advanced FM radar techniques, terrain avoidance, space radar sensors and passive radar systems.

**Research.** Advanced studies are underway at GPL on such projects as infra-red and optical techniques, laser amplifiers and nuclear magnetic resonance.

**Industrial TV.** GPL is an outstanding developer and producer of broadcast and closed-circuit TV systems, for military and commercial applications.

There are excellent career openings for EEs, MEs, Mathematics and Physics majors.

**GPL's representative will visit M.I.T.**

Friday, February 10th