**Electrical Engineering**

The department of Electrical Engineering will open its labs to New Engleachers for the MIT open-house. Professor Harold R. Edgerton, Electronics Lab, and the Student Lab exhibit the use of radar is tracking and destroying a moving target will be featured. Computers in action will be also a main point of the Electrical Engineering Department. Dr. Edgerton will demonstrate stroboscopic effects, characteristics of flash lamps, and the results of high speed photography in room 4-405. A visual speed of the light will be as shown as the several dozen lab cameras, including one that has taken pictures 25,000 feet under the sea.

Dr. Harold Edgerton, George Clark, and Lloyd Bealson with the photo-luminescent picture of the Vanguard satellite, showing its internal structure, showing in working order. Also on exhibit will be a cutaway model of the cone, important for Its combination of light weight and high temperature performance, was made by the Wyman-Gorman Co. The cone, shown to the students at MIT, has played an immense part in missile development.

Jets and Fuels

Open house at MIT will see courses 10 and 16 via in providing excellent demonstrations of missile techniques. The course, taught by the department of Aeronautics, only one of its kind in existence, will provide demonstrations of missile testing and guidance. The Aeronautics Lab will show methods of fuel testing and exhaust analysis together with studies of aviation fuel. The student erosive wind tunnel will be in operation. Visitors will be allowed to view behavior of missile models in high speed air currents. Experiments will be made illustrating aerodynamic behaviors.

**Food Science**

Course 21 will open the doors of building 35 for MIT Open House, with displays of food and food technologists' exhibits will illustrate the work the department has been doing in the last 6 years. Many pieces of equipment used in the varied areas of food technology will be shown. Included among these are a servomechanism capable of rendering five direction control and an automatic radioactivity measuring device. The basement floor will contain fruit juice concentration equipment and the high vacuums used in studies of heat radiation burning effects. The basement floor will also contain numerous stress analysis machines.

Some might find it difficult to believe, but MIT now offers a course in the study of living organism processes will be shown, and the measurement of rate metabolism will be featured in a display featuring an example of tissue for sterilization and preservation of foods and tissues. The basement floor will also contain numerous stress analysis machines.

Food existing techniques will be exhibited in a display featuring an example of tissue for sterilization and preservation of foods and tissues. The basement floor will also contain numerous stress analysis machines.

**Thermo - Electric Engine**

A jet of air burning a hole in pieces of wood will be like the annular engine. Nearby a machine under development as a future mechanical engineer observes the operation of one of many steam screw machines.

**The Tech**

Friday, May 1

**Food Science**

Course 21 will open the doors of building 16 for MIT Open House, with displays of food and food technologists' exhibits. Visitors will have the opportunity to view a collection of food tanks that are used in food fermentation equipment, and an electron accelerator. The basement floor will contain a number of density measuring devices, and the decision making process on the computer will be given in room 28-264.

**Jets and Fuels**

A full scale model of a missile will be shown to the students at MIT, the result of many years of working on them. A gyroscope which is used in space navigation will be operated. In the basement of building 16 seniors will explain the working of these. The engine, which was developed last year, uses a million volt high pressure air. The operation of milling machines, the formation of chips around any moving parts, will be the theme of the display. A Course Two (Mechanical Engineering) student will discuss many low temperature effects will also be demonstrated in the basement. A Course Two (Mechanical Engineering) student will discuss the operation of many steam screw machines.