Low-Grade Coal Can Produce Good Steel
Reports Dr. Killian

Dr. James K. Killian, Jr., president of the Institute, told a Bir-
mingham, Alabama, audience last Friday that the potentialities of first-grade coal no longer threaten to mean diminishing sup-
plies of high-grade steel.

Reporting on current research and educational activities at the Institute, Dr. Killian said that recent results from the Republic Steel Corporation and the Pittsburgh Plate Glass Company in the Metallurgy Department, has established the fundamentals of steel in furnaces. The work gives assurance that brittle, disastrous failures of steel in furnaces can be con-
trolled by using suitable procedures.

New Metals, Lab

This means, Dr. Killian said, that lower grades of coke, containing more sulphur, may now be used for making the highest grades of steel.

The result of a $1,000,000 gift from Alfred P. Sloan, Jr., Chairman of the Board of General Motors Corporation, is the new Sloan Laboratory building, now under construction in Cambridge.

Citing the work of a student and faculty in a recent report of the direction of Professor John Chap-
man, head of the metallurgy de-
partment, the president cited the University of the South, Dr. Killian said this is the kind of work that is necessary in the education of steel in blast furnaces, for the first time put the theory of steel desulphurization on a sound basis.

Ice Box

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Ice boxes with five or more expansion engines driven by an electric motor are being used by the ice makers on board ship to maintain cold storage in the ice box. The electric motor is a simple and effective means of driving the expansion engines.

Diifying

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"diifying" can take out a boat alone at any time. "Eating skipper" can enter any of the Association's races. "Korean" is the top rank. The various classes are defined by regulations governing examinations first on the foundation of the different classes and later on the fine points of sailing.

Boats

Of course, the major equipment of the Association. Through going in on, the original fleet of five boats, however, a new group of diifying is expected in the near future.

Boats Are 15 Years Old

Because the boats are fifteen years old, they are not as fast as they used to be, and their value is much less than their original value. Almost all the boats have been sold, and many stills are used now in the race. When it is remembered that such boats usually last ten years and that the members of the Association do not have to pay for the boats, it is seen that the Association is doing in almost any other such college organization, the fact that the Association has been diifying for 15 years is even more remarkable.

JOBS FOR ENGINEERS

For the past few years the demand for engineering gradu-
ates has been apparently increasing; but to jobs in a fashion which might load a great many engineering students to the bleak conclusion that the supply of engineers generally exceeds the demand, except when the threat of war causes engineering talent to become a priority item. Although it is true that the demand for engineers increases sharply in times when the nation undergoes an armament program, it is not true that this demand drops off as sharply when the emergency is over.

It is likely that the latter is the case. The United States is engaged in a large-scale war effort and the demand for engineers in the military field is likely to remain high. In addition, many industries are increasing their output of goods and services, which requires the services of engineers.

The Association of American Colleges is currently conducting a survey of industries and government agencies to determine the demand for engineers. The results of this survey will be published in the near future.

The need for engineers is likely to continue for some time, and those students who are preparing to enter college should consider engineering as a career. The income potential for engineers is high, and the job market is likely to remain strong.

Letters to the Editor

I am pleased at the apparent in-
crease in interest on the part of MIT students in the humanities courses. I have been seeing more students in my office lately, and it appears to me that the MIT student will derive benefits and improvements from the study of the humanities.

Many of the humanities instruc-
tors have been very interested in the process of human learning. This process is complex and difficult to keep in repair. While many students in secondary schools have not realized this, and who believe that the study of the humanities is a waste of time, it is important that the MIT student be given an opportunity to explore the benefits of the humanities.

The humanities courses offered at MIT are designed to help students develop critical thinking skills and to foster a deeper understanding of human culture. The humanities courses are not just a way to "fill up" the schedule; they are an essential part of a well-rounded education.

There are undoubtedly many students in secondary schools who do not realize this, and who believe that the study of the humanities is a waste of time. It is important that the MIT student be given an opportunity to explore the benefits of the humanities.

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