Mechanical Engineering School Laboratory Is Modernly Equipped
Organized in 1923-24 Term, it er than generally is desired comHas Kept Pace With Rest of mercially. However, from the University-New Wing On laboratory standpoint it is any Phillips Made Space Available thing but a toy, since the quan For a Commodious Work tity requiring measurement in Room-New Machines Added. $\begin{aligned} & \text { a test are as large as can be } \\ & \text { handled, conveniently }\end{aligned}$ The School of Mechanical Enneering, which was organize and began to offer degrees in the conditions of operation, the en 23-24 school term, has mad gine will deiver from 75 to 100 reat progress in the four years per minute.
of its existence and the lab- This is the most modern type ratories are being better equipped.
When the new wing of Phillips Hall was completed in 1925, laboratory space was made avail able on the ground floor for the use of the Mechanical Engineer grt of this space constitut what is known as the steam and gas laboratory and is being equipped for making experimental studies of power plant apparatus. Adjoining the main aboratory for light testin work, such as the calibration of instruments, flue gas analysis, fuel analysis, and fuel and oil testing. Under a portion of the main laboratory there is a subaster measuring apparatus. Before the new space was power Chandler and Taylor slid valve engine had been set up for experimental work in the university power plant. This engine has since been installed in the new laboratory and provided with a surface condenser and other special features. The combination made possible a con siderable number of experimen tal studies of heat-power trans formations. It provided, however, only for work of the mos elementary type and was bu the beginning of a laborator development definitely planned for years in the future.

New Type of Engine The latest and most import ant adine, built a uniflow stean engine, buint especially for laboratory work by the Titchbu
Steam Engine Company Fitchburg, Massachusetts. For this type of engine, it is small-
dynamometer, a large stationary was bothered in the last two or gasoline or oil engine and $s$ three laps by a slight drizze thal .IV of semi-Diesel gas engine. had slowed him up considerably ngine equipment, a complete conference mile and five mile mall steam pent, a complete conference mill through the mil installed. It will consist of a un allowing his teammates Rus vertical boiler and a steam en- and Tilley to take first and sec gine, provided with accessories ond. He came back an hour an for complete power plant tests. a half later, entered the , hal Looking still farther into the fu- mile for the first time this year ture, it is planned to add appar- and breezed through in beautifu tus in the fields of refrigera- style, to set
ion, air compression, heating in the event. and ventilation.
The steam and gas laboratory The 440 -yard run was one o1 being plat gasoratory the closest races of the meet. ving planned with a view to Hutchison of V. P. I. came up in ging the student some first the last few yards to take firs hand experience with the prin- place from Rhinehart in the cipal types of power plant ma- splendid time of 51 seconds, chinery that he will meet later, which tied the University rec either in the operating field or in ord for the event. Rhinehart the field of engineering design and manufacture.
The mechanical engineering student is endeavoring to master the principles underlying the design and appropriate application of machinery. And so in the laboratory he is concerned mainly with those high scientific studies that have to do with design, investigation, research and invention.

## Carolina Licks V. P. I.;

Breaks Three Records
(Continued from paje one)
oints collected from first in the road jump and javelin and a third in the low hurdles. Capain Montague of V. P. I. was second in scoring as
first in both dashes.
Hoyt Pritchett's two-mile will go down in history as one of the greatest races ever run at the University. He was not pushed all, finishing a good 200 yards in front of the second man, and as shifted to the quarter in th Cadet meet to see what he coul o. He came through brilliantly Summary by events:
100-yard dash, Montague, V. P. I Carolina, third. Time, 10 seconds. One mile run, Russ, Carolina, first; illey, Carolina, second; Elliott, Car Pole vard. Time, 4 minutes 39 sec Powper (all of Carolina), tied for irst. Height, 10 feet 3 inches.
Shot put, Fussell, V. P. I., find Shot put, Fussell, V. P. I., first
Gray, V. P. I., second; Williams, Car lina, third. Distance, 41 feet 5 1-1
220-yard dash, Montague, V. P. I至t; Shanklin, V. P. I., second; Har 120 high hurdles, Pearson, Carolina, ell, V , P , Carolina, second; Caldwell, V. P. I., third. Time, 16 sec.
High jump, Pearson, Carolina and

## DR. R. R. CLARK

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## PICKWICK THEATRE

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| SHOWS DAILY $3: 00,4: 45$ $6: 45,8: 30$ | TUESDAY, APRIL 5 <br> Florence Vidor, Clive Brooks and Mary Carr in <br> "AFRAID TO LOVE" <br> Pathe Comedy-"Do Your Duty" |
| :---: | :---: |
| REGULAR ADMISSION 10 and 25 e | WEDNESDAY, APRIL 6 Matinee Only <br> Anna Q. Nilsson and Holbrook Blin <br> "THE MASKED WOMAN" |
| Candy, Popeorn, Cold Drinks, and Gum on Sale in Lobby. | Narry Langdon in "HIS FIRST FLAME" | | Peak, V. P. I., tied for first, Purser |
| :--- |
| Carolina, third. Height, 5 feet 8 in. |
| first;- Hurd run, Elliott, Carolina, | Discus, Lund, V. P. L., first, Gray Cook, V. P. L., third. Time 2 minutes . P. I., second; Colburn, Carolina, (Betters state record.) Distance 141 feet 103 3-4

inches. (Betters Southern conference Javelin, Sandlin, Carolina, first;
McEwan, V. P. L., second; Myers, McEwan, V. P. I. second; Myers,
Carolina, third. Distance, 164 feet inches, (B)
record.)
Broad jump, Sandlin, Carolina, first; Peake, V. P. I., second; Johnston, Carolina, third. Distance, 21 feet 1 1-2 inches. Team score, Carolina

3 1-4 inches.
440 -yard dash, Hutchison, V, P. I 440-yard dash, Hutchison, V. P. I.
first; Rhinehart, Carolina, second; Doughty, V. P. I., third. Time 51 sec . Two mile run, Pritchett, Carolina first; Daniels, Carolina, second; Penn V. P. I., third. Time 9 minutes 50 econds. (Bet
220 low hurdles, Giersch, Carolina irat; Avera, V. P. I., second; Sandlin,

SENIORS TAKE NOTICE! All Seniors interested in entring the try-outs of the Mansee the President of the Senior Class or Dr. McKie at once. "RED" SMITH. Carolina, third. Time 26.2 seconds.

Miss Kathleen Elmore spent week-end in Reidsville with

## Gzo. F. Mesenka

 Wm. H. RownEverything on campus in past four pears heated by us
Carolina Heating \& Engineering Co. Heating, ventilating and power piping
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## Clarence Whitehill, Celebrated Baritone A Star of the Metropolitan Opera Company



