The State Collegian

CALENDAR.

In order that the Calendar may be made as complete as possible, all college organizations are urged to hand in notices of meetings

THURSDAY, NOV 4.

7 00 p. m. Old Chapel Bucknell Mass Meeting.

FRIDAY, NOV 5.

7 00 p m. Old Chapel. Bucknell Mass Meeting

SATURDAY, NOV 6

9 00 a, m. Special train leaves Lemont.

2 00 p. m. State vs, Bucknell at Lewisburg.

7 00 p m; Special train leaves Lewisburg.

SUNDAY, NOV 7

11 00 a m; Auditorium Dr George Leslie Omwake, Vice President of Ursinus College will speak

4 30 p. m Foyer of Auditorium; Episcopal Service of Evening Prayer.

6 30 p m Old Chapel Y M. C. A meeting

TUESDAY, NOV 9

6 30 p; m; 529 Main. Y M. C A Prayer Meeting.

Intercollegiate Debaters.

The final trials for debaters on the varsity team were held last week The judges were Professors Garver, Pattee, Zook and Frizzell Their choice for the first and second team is as follows:

First team—G. A. Schnerr '10; H. Work '10, J. Osuna '12 Alternate, G. de Charms '12.

Second team—W. R Lams '10, S. S. Levisee '12, D. E. Harrower '13. Alternate, Atkinson '13.

The first debate is with F. and M. on the subject, "Resolved, that the U. S. congress should pass a law providing for a progressive inheritance tax, the constitutionality conceded." This debate will be held at the Auditorium on Dec. 10.

DEAN CRANE'S PAPER

Read Before the Institution of Mining Engineers in London Last May.

Dean Crane had the honor of addressing the Institution of Mining Engineers in London on May, 28 last. He presented a paper entitled "The Use of Concrete for Mine Support," which treated the subject from many points of view and received very favorable criticism. The fact that Dean Crane presented details of the extent of the use of concrete in the United States was important in itself as conditions vary somewhat in the old World.

In taking up the discussion Dean Crane brought out the need of some substitute for timber in mine support, and showed the advantages of the use of concrete. He treated the various characters of cements, and the proportions, in the mixtures for use under different classes of work. He compared the cost for work under each class, such as foundation walls, retaining walls, dams, etc. He brought out the methods of "reinforced" work. Then, going on he showed the applications of concrete, as used in shaft lining, lining of drifts and gangways, and stoppings and over casts. The use of concrete for stringers in inclined shafts was shown to be eminently successful.

In concluding his paper Dean Crane said, "Having reluctantly tried and found that concrete is good, strong, durable and reliable, American engineers are wont to go

a step further and reduce both the amount and cost. They are, therefore, turning to ferro-concrete, which will undoubtedly work as great a revolution in methods of construction as did the introduction of plain concrete. Further improvements may confidently be expected, both in the character of the ingredients and in the application of concretes, thus fulfilling the prediction of the ultimate and universal application of concrete lumber."

The president of the Institution moved a hearty vote of thanks to the author for his valuable paper, and the vote was carried by acclamation.

State Spirit.

All the students will surely be interested in the generous action of the Hon. Julian Kennedy, speaker at our Commencement exercises last June. When the trustees voted him an honorarium for his services, he returned the sum to the Advisory Committee of the Young Men's Christian Association, with the request that it be used toward defraying the expenses of our secretary. This liberal act not only reflects Mr. Kennedy's generous character but also shows the effects of "State Spirit," the feeling imbibed through close association with our men. College and students will both unite in appreciation of a magnanimous deed.

The football team while at Lewisburg will stop at the New Cameron House.

Lewisburg expects 1000 State students. Are we going to disappoint them?