

of this product. He proved conclusively the superiority of this method over any other for making steel shafts, armor plate, and heavy machinery. He also showed what a great amount of scientific knowledge and skilled workmanship is required in the manufacture of steel forgings.

The talk, on the whole, was just such an one as is needed by the average engineering student, as it gives him a knowledge of what is actually done in large manufacturing plants. The close attention given to the speaker showed the appreciation of the audience.

The following persons have been appointed Commencement speakers of the class of 1900;—F. T. Cole, of Upsonville; A. W. Oakwood, of Tyrone; G. K. Warn, of Meyersdale; D. E. Wentzel, of Bellwood; L. E. Young, of Columbia. Young has been elected valedictorian.

The orators for the Junior Contest on June 11 are:—A. M. Arney, of Centre Hall; T. Crumley, of Wayne; G. A. Elder, of Philipsburg; T. H. Miller, of Bruin; C. F. Shoop, of Mechanicsburg; G. Wise, of Allentown. Alternates are: B. L. Moore, of Harrisburg; H. C. Heaton, of Woodmount; and S. H. Kuhn, of Altoona.

Some time during April, will be given a concert for the benefit of the Track Team. The program promises to be a varied and good one.

While here J. W. White gave the Senior and Junior engineers a brief talk on the Application of Electricity to Mines. He spoke of the many uses to which electricity may be put in mines, illustrating by sketches of the plant at Thomas.

The storage battery, purchased sometime ago through the instrumentality of C. H. Harris, has been set up and put in good order. Messrs. Pearce, and Krebs are utilizing it in making an exhaustive test on incandescent lamps.

Messrs. Shaad, and Morgan are continuing the investigation commenced by Weaver and Dawson for the object of the designing apparatus available for the transformation of