

THE FREE LANCE.

governed the college since it was the "FARMERS' HIGH SCHOOL" shall fade from the minds of the authorities, and give place to a policy a little more modern.

* * *

SOON will be completed what Pennsylvania State College has long desired and looked for, the Chemical and Physical Laboratories. Thousands of dollars have been judiciously expended to make this building complete in every particular. Although the building appears to be one large structure it is in reality two parts, the one department being separated from the other by a twenty-inch solid wall to prevent an interference with first-class work by the action of the gases or apparatus of the one department upon the other. Also the rooms of each side of the building are carefully guarded against any interruption whatever that may hinder good experimenting. The lecture rooms are exceptionally fine, large and convenient. So we could go on describing in full what is to be the pride of Pennsylvania State College, but neither space nor time will permit. With all these advantages and under such competent instructors as Professors Pond and Osmond our chemical, physical and electrical courses cannot do otherwise than flourish. We have already many more students to-day in the courses specified than we had one year ago, and next year the number is exceedingly likely to be doubled if not tripled.

* * *

THE Professor of Mechanical Engineering requests us to make the following acknowledgements on behalf of his department:

To Captain C. W. Roberts, one of our most generous trustees, to whom we are indebted

in many ways, for a grind-stone truing device and tool grinder.

To the Blake Steam Pump Company, for a hot water boiler feed pump, for use in the mechanical laboratory.

To Mr. Graham, of Collins' Furnace, Bellefonte, for seventy samples of pig iron, with corresponding slag, and analyses of all, the value of which, in our study of iron will be inestimable.

To these gentlemen, whose gifts are so eminently practical and useful in character, the department of mechanical engineering is greatly indebted.

*

THE College Catalogue for '89 and '90 is out and is much improved in appearance. The quality of paper on which it is printed is better, consequently the typographical effect is stronger. The old plate of the main building has been replaced by a new and more modern one which adds much to the attractiveness of the catalogue. There is a marked contrast between the law book style of cover and the attractive inside of the book which could be overcome if attention was paid the outside when the next improvements are to be made. However, we cannot expect everything at once, perhaps the future catalogues of our institution will be as much of an improvement over this one as it is over those of past years.

LAWS OF NATURE.

IF we ask what are the Laws of Nature some one may answer, by reading to us from learned treatises, all the laws discovered by physicists, biologists and other scientific investigators. The manner of this answer