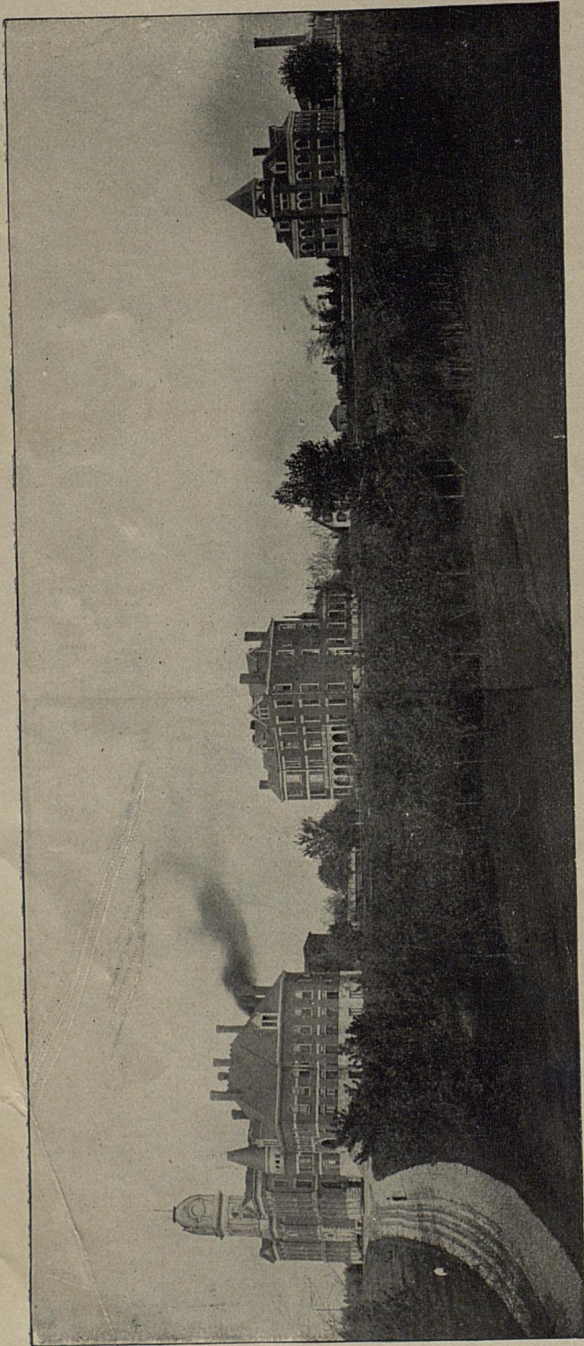


JUNE

Commencement, '96.



STATE COLLEGE.

New Dugan 11-15-07

11-15-54
Mrs. Dwyer

The State College Cadet.

VOL. 6. LEXINGTON, KY., JUNE, 1896. No. 10.

VALEDICTORY.

LADIES AND GENTLEMEN:

The honor has been conferred upon me of giving utterance to the thoughts and feelings of the members of my class in this hour when we part from our fellow-students, our teachers and our alma mater. It is with pride that I accept this duty, though conscious of my inability to do justice to the occasion. How infinite and varied are our emotions, how vain the attempt to express them in language.

While the birds are singing the sweet melodies of their souls and all nature appears to be enraptured with her own harmony this morning, our hearts, too, are ringing with the music of joy and gladness, for to-day we realize what has long been the object of our hope and the goal of our ambition. We find ourselves standing like victors upon a summit toward which we have often turned with longing and anxious eyes; upon that lofty eminence which, when viewed from the low station of a Freshman, is wrapped with the alluring mists of enchantment and delight. Though the stern realities of mathematics may come, though vain struggles to revive the obscure passages of dead languages may be encountered, yet will the faithful student, inspired by those magic fictions of the imagination, press on that he may clothe himself with the glorious halo of graduating day. By overcoming all opposition and ascending step by step we have at last come to this climax of college life, where to our joy the vision is clearer, the view more sublime than we had anticipated.

Resting upon the sweet recollections of an enduring and ever-living past, trusting in our ability and the fortune that awaits us, we gladly hail the future that greets us now. Buoyant with the vigor of youth, faith and hope, our guiding stars pointing to glories to be achieved, we fearlessly embark for other and distant shores. With joy would we be lulled by these blissful strains of fancy until we should be oblivious of all other sensations of this hour, but unable to withstand we are borne away to more solemn meditations.

We are to take our leave of you, beloved teachers and school-mates, to go each to his destined end and appointed work in life. This is enough to make us serious. But from this unpleasant scene of final separation, memory transports us to the most pleasing retreats of our former associations, where our hearts find unmixed comfort and repose.

Ah, Memory! kind, appeasing angel, thou that doth soothe us by renewing our richest joys, who can estimate thy worth to man? Yes, 'tis sweet now to recall that first day at college, when we, timid and forsaken, were the victims of wild phantasies. How deep were those longings for the familiarity of the old places at home! How tender then was the thought of every field and grove, of every nook and haunt of childhood's days! How barren life would have been to us then, removed far from every dear friend and pleasing spot, had we been denied the charms of memory!

But the loving Creator has given us social tendencies and capacities so that we can nowhere live unto ourselves, unblessed by friends. Ah, yes! friendship is a flower that blossoms in every vale, on every mountain top, ever shedding its heavenly fragrance upon man as he pursues his earthly pilgrimage. Thus happily endowed we soon became attached to teachers and students, and have for many months enjoyed that fellowship of kindred souls that redeems life from despair and crowns it with bliss divine. Our affiliations and experiences here will be a source of joy and profit to us until time shall be no more; and in the future, whether adversity shall frown or fortune smile upon us, this period will be a fond remembrance, an oasis of perpetual delight.

To sever connections like these can not but give us pain. It is like waving an adieu to the old homestead again. By numerous associations, rich treasures for future reminiscence, these very walls are endeared to us. They are witnesses of so many of our happy incidents that they speak to us a language, though silent, yet rich in pathos and tenderness. This beautiful campus consecrated to the interests of learning and adorned with these buildings that are to us monuments of admiration, the accustomed walks and retreats with their mingled coincidents, all, all of these, make us loathe to depart.

Though we eagerly dwell upon these recollections, yet they do not all spring from joy. Some of them are sweetened only by their sorrow. Again and again during our stay here has the Angel of Death shaken the fatal dew from his ebon wing upon some of our number. We have seen that the young, the beautiful and the buoyant, as well as the aged and the weak, must succumb to this appalling conqueror. With

saddened heart and tearful eye we have marched to the beat of our muffled drum beneath the folds of our mourning flag. We have brought solace to the bereaved as best we could by word and deed. We have laid the fragrant roses tenderly upon the graves of our bosom friends as we consigned them to the loving keeping of Him who arose victorious over the grave, and through whom we can say, O, death! where is thy sting? O, grave! where is thy victory? And as we saw love and sympathy flow from heart to heart in those moments of gloom, as we shrank from the thought of an eternal sleep beneath the sod, we embraced a living joyous faith in the brotherhood of man, the fatherhood of God and the immortality of the soul.

Fellow-schoolmates, as we part to-day never again to be thus happily united on earth, may the blessings of that faith attend us. No more will we look into your faces as students of Kentucky's State College, nor shall we be blessed by those acts of kindness and goodwill. Though henceforth we shall be far removed from each other in space, yet we feel that the most tender chords of affection will bind us close together, and that wherever we may meet in the doubtful future, we will gladly greet one another with a brotherly hand of true friendship.

We see many friends from a distance to bespeak for us a peaceful and prosperous voyage as we set sail on this untried sea. Would that we had time and words to thank you for this demonstration of human benevolence and sympathy. There are those present from the city who have added much to our happiness while here. To you we extend our sincere gratitude, and I am sure that every member of this class would cheerfully drink to the peace and good fortune of this fair city, "the Athens of the West," the center of science and letters.

To you, dear teachers, we can not fully express our obligation and gratitude. You have borne with us patiently and have labored earnestly for our good. Some of you have almost finished your labors, others are just beginning, yet let the close come when it will, you will all have the assurance that there is no grander avenue of life in which man can walk than the one you have chosen, and may you remember "to the last syllable of recorded time" that many alumni over this state and country esteem the moments spent in the class-room with you as the most precious of their lives, and that with grateful hearts they will evermore be with you in spirit and keep your memory green.

By virtue of the degrees conferred on us to-day, we are to be numbered with that honorable host of alumni of the State College. Before we leave, dear alma mater, may we not speak one word to thee?

Thou, fair daughter of Kentucky, fostering mother of our spirits, thou shalt ever be cherished by thy children. Long mayst thou stand like a proud queen upon this scene of endearment and beauty, and may thy light be glorious as the mid-day sun. May the people of Kentucky, the state of boasted liberality and true manhood, never fail to foster and support thee as thou deservest. And of the many fountains whose waters shall swell the river of man's knowledge in the future may thine be the purest and most sparkling.

Already I have detained you too long, but fondly, fondly does the heart linger upon those things that are dear as life itself. As we go, kind friends, dear teachers and beloved students, we leave with you our warmest affections. May heaven deal gently with you and with us. Finally, we must utter the word that has so often been spoken with a tearful eye and burdened heart, that tenderest word that flows from mortal tongue to one and to all, "Farewell."

PROPHECY.

BY J. W. CARNAHAN.

There was a time far back in the twilight of antiquity, when the movements of certain of the heavenly bodies determined mens' prophecies.

There were other and later times when men prophesied by consulting oracles and observing omens, while their minds were still bound and fettered by superstition, but in this, the light of the 19th century, I find it impossible to prophesy either by observing the movements of the heavenly bodies, consulting oracles or observing omens, but I now proceed from a purely scientific standpoint.

Curiosity regarding the future and a desire to penetrate its mysteries, are dispositions which excite a powerful control over the minds of men in every stage of society. The restless spirit of man is ever anxious to know the future. The custom of prophesying or looking into the future is as old as man himself; since the very twilight of history, nations have had their seers and prophets, whose duty it has been to unfold before their admiring countrymen the destined glories of their nation, to name the great soldiers, legislators and statesmen, who were to play the leading roles in the drama of their national lives.

This custom is implanted in the very nature of man, and comes down to us from earliest times.

While we recognize the present as the child of the past and the parent of the future, while paying just tribute to the wonderful deeds

of the past and the marvelous opportunities of the present, our longings and expectations are ever summed up in our eager desire to lift the shadowy veil and discern the coming events that are already casting their shadows before them.

If ever an occasion demanded a prophet to foretell the future fame and honor of those who participated in its exercises, certainly this occasion justifies me in telling you of the future achievements and occupations of the class of '96, the highest intellectual product that has been evolved since the dawn of time. I am sure that you will agree that the forces of evolution since they first began to operate have been engaged through all the ages in the special task of evolving the class of '96. In placing before you this brilliant array of brain and beauty, the hope of Kentucky and the expectancy of the old State College, we are sure that you will not be disappointed, we are certain that when the members of this class lay siege to the great questions that are perplexing the statesmen, philosophers and scientists, that their mighty brains—"teeming with original space"—will afford an easy and just solution for them all. I see through the parting folds of that mysterious veil that separates the 19th from the 20th century, the class of '96, each member reigning supreme, the monarch of all he surveys in the realm of his chosen profession, efficient and useful actors in the eventful scenes of life, sharing the honors and blessings of a glorious triumph and so acting and distinguishing themselves, as to reflect honor on themselves and the institution from which they graduated.

I see Dean standing forth a mighty champion in the profession of law, by his gifts and acquirements he is naturally one of the leading attorneys of the state. I can see him as he stands before that jury pleading earnestly for the life of some great criminal, and as he becomes greatly interested in the welfare of his client he waxes eloquent and addresses the jury in this manner:

"Gentlemen of the jury, the wreck of God's image is now before you, under trial for murder; he entered the threshold of manhood with the hopeful prospects of a long, useful and honorable life, richly blessed with personal graces and mental gifts; he cast his lot among you and began his professional career as you all know, under a clear sky beaming with gilded promises, but how deceitful often are the brightest hopes of men. Already he whose horizon was recently so bright and promising hangs on the precipice of a yawning gulf doomed to an ordeal rare, if not unexampled in a land of Justice, Liberty and Law," and so he goes on pleading with such force and eloquence that

he has the jury at his mercy. He will graduate at Ann Arbor in 1899; he will then begin the practice of law in Louisville, Ky.

I see Kerrick (who so distinguished himself as an astronomer during his stay in college) old and bald-headed and beginning to totter with the weight of many years, I can see him as he looks through that great telescope discovering new worlds and observing the movements of the heavenly bodies as they fly through space. Kerrick soon after his graduation from college, and while yet a mere amateur astronomer, will prove that the planet Mars is inhabited, by the invention of a telescope of such power that he can actually observe signs of human life on that planet. This will make him known to all the world, and he will afterwards be employed as chief astronomer in the Lick Observatory.

Alford will enter Yale college, where he will become one of the greatest athletes of the world; he will win the hundred yards dash in the Inter-Collegiate field day, and will afterwards be appointed as a representative of Yale College, in the international field day which will be held at London, England, in 1900.

Davidson will be employed as chief engineer in the construction of a bridge across the Mississippi River. This bridge is to be one of the largest bridges of the world, it will eclipse the famous Brooklyn bridge. Soon after the completion of his bridge, he will marry a young lady that once attended school at State College, and will then go to the World's Fair at Paris, France, on his bridal tour, where he will be recognized as one of the great engineers of the world.

Dunlap and Lyle will go into partnership and sell patent medicine, Lyle will sing and dance, while Dunlap sells the medicine.

Me thinks I can hear John Jehosefat Dunlap's melodious voice as it rings out on Cheapside: "Only one more bottle of the great lightning relief, it cures all pain; apply immediately before and after; come right along, gentlemen, only twenty-five cents a bottle." He then announces to the crowd as they surge to and fro, "we will now have a song by Mr. Lyle." Mr. Lyle, face black and shining, banjo in hand, comes forth, and by his charming music and melodious voice sets the crowd to howling.

Miss Duck will marry a Mr. Courtney of Chicago, a very wealthy and influential man, she will be connected with the Woman's Aid and Helping-Hand Society where she will be known to all the world by her numerous donations and her kindness to the poor of that city.

McDowell will be a great poet; his poems will be read and appreciated by all the world.

Woods will be a great statesman, he will be elected governor of Kentucky in 1908. Trigg and Orman will go into partnership and have a peanut stand in New York City. Case will go to New York to cultivate his voice.

And so you see each member of the class is to take an active part in the eventful scenes of life. The happiness of the living, their own destinies, and the hopes and expectations of their friends rests upon them as upon the labors of early dawn, and will urge them to be in all things and at all times zealous, active and true. Enlightened reason, perfect justice, comprehensive patriotism and benevolence shall be their cardinal guides, they now go forth as the winds to scatter over this great country the seeds of knowledge which they have gathered during their stay in college, may these take deep roots and be watered and nourished until they shall grow and fructify and cover all the land with a richer moral foliage and fragrance of a more perfect Liberty and Truth.



We are highly indebted to Mr. R. Blessing for the artistic designs furnished to the... excellent showing of originality in... He will graduate next year, and then will go forth to do honor to his college. We wish him much success and hereby publicly thank him for the favors he has done us.

We do not forget our advertisers, the ones who have stood close by us in times of need and have helped us above many others to make our paper a success. Our list of advertisers is the best of any other college paper in the city (except the three others). We have given our advertisers low rates and a good medium. They have given us much assistance, and we appreciate it. We thank them all for their patronage, and hope to serve them even better in the future.

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THE CADET

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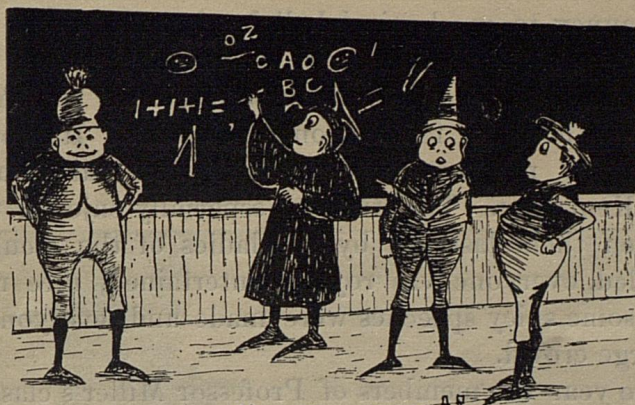
EDITORIAL.

BEFORE leaving our "sanctum sanctorum" or laying down the editorial quill we wish to state a few words to the public. Our past year has been one of moderate success. Inexperienced and with but small means at hand we undertook the publication of a modern college journal. We went to work, sparing neither time nor labor, to achieve our object. We improved the CADET until the verdict read, "The best ever published at State College." Of this we are but justly proud. We claim no honor, but say the students and faculty helped us make it so. The CADET is published in their interest, and we want them to realize it. Let us all pull together in the future and not get tangled in the harness.

From time to time we set forth the advantages to be enjoyed at our college, and point to the avenues of honor open to the ambitious student who wishes to cast his lot with us. We are thankful to all who in any way have assisted us during the year. We ask the co-operation of every one for next year. We make our bow of respect to the college for the aid she has given us. The aid was timely and highly appreciated.

WE are highly indebted to Mr. G. F. Blessing for the artistic designs furnished for this issue. The drawings are excellent, showing originality in invention. Mr. Blessing is the best draughtsman in school. He will graduate next year, and then will go forth to do honor to his college. We wish him much success, and hereby publicly thank him for the favors he has done us.

WE do not forget our advertisers, the ones who have stood close by us in times of need and have helped us, above many others, to make our paper a success. Our list of advertisers is the best of any other college paper in the city (there are three others). We have given our advertisers low rates and a good medium. They have given us much assistance, and we appreciate it. We thank them all for their patronage, and hope to serve them even better in the future.



THE "PREPS" G.F.B.

To be a Prep or not to be, that is the question; whether 'tis nobler in mind to suffer the scorn and contempt of the college proper or to take arms against that sea of trouble and by flunking end it? To flunk; to fail; no more; and by failing to say we end the misery and the thousand natural zeros the Prep is heir to, it's a consummation devoutly to be wished. To try; to pass; to pass: perchance to fail; aye, there's the rub, for in that failing what hopes of life are blighted when we have started on our journey home. You must give us pie. We have pulled the old man's leg till our consciences make cowards of us all.

Soft you now! The stern professor! God, in thy orisons be all thy sins recounted.

CAMPUS ECHOES.

Written never to be erased; enacted never to be recalled, is the past year's history of State College and her students. The year opened with bright prospects and in many instances her brightest hopes were realized. The number of students showed an increase over past years, and the student body was of good fiber and tone. The work done has been gratifying to all.

Beginning with the military department, we can say that for the past year it has been quite efficient. The military rules were enforced more strictly and the drill, in some respects, was improved. Captain Swiggert is a fine officer in many respects and has done a fairly good year's work for the college. The Infantry was divided into three companies, each having its own captain and staff officers. The Artillery under Captain Lyle has done a good year's work. He is an excellent captain and will be missed next year.

The new annex to mechanical hall has been of great interest and benefit all the year. It is fitted with new machinery and contains all the electric motors. The nice hall on second floor has been the scene of many pleasant hours of feasting on rich viands. It is here that we have spent happy moments with the brightest, fairest and loveliest daughters of Kentucky. The students especially enjoyed the splendid reception given them last fall by the ladies of the faculty. It was largely attended, everyone was royally entertained, nice refreshments were served, some spicy speeches were made and, everyone felt happy among the large crowd.

During the year the members of Professor Miller's class in Biology and Botany were treated to a nice excursion to Pilot Knob where many nice and valuable specimens were gathered. Professor Miller is quite kind to his classes in that these excursions are at a minimum cost and very often free. Professor Miller also gave an interesting lecture on the scenery and geology of Kentucky. The lecture was given in the college chapel and was illustrated. The views consisted of some beautiful scenes along Kentucky rivers. The lecture was enjoyed by all present.

Professor Miller was also instrumental in getting Dr. Wright, of Oberlin College, to deliver two very interesting and instructive lectures. The first was Greenland and its Scenery, and the second, the Origin and Antiquity of Man.

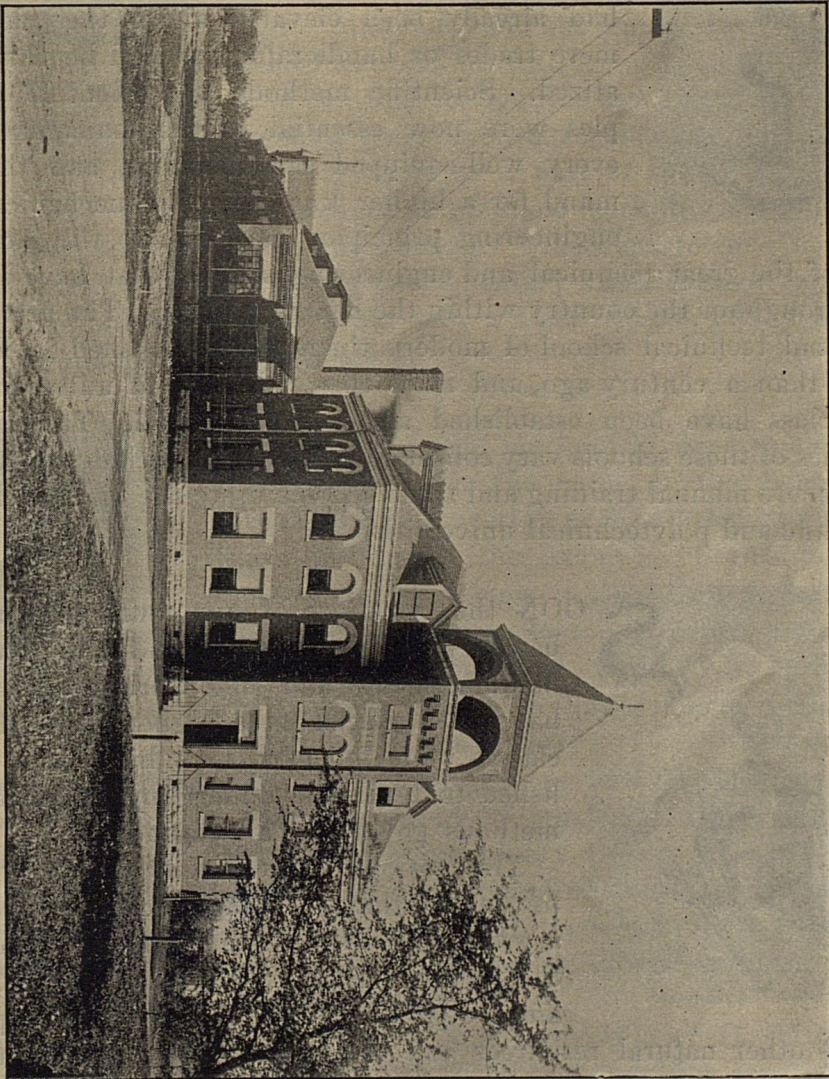
Professor Fallis, Ph. D. (Munich), has been giving a series of instructive lectures on the archæology of the ancient classic lands. The archæology of ancient Troy and Athens was a special feature. The lecture course was profusely illustrated and was quite interesting throughout.

An improvement to be much commended is the fine stereopticon which has been placed in the chapel for the purpose of illustrating lectures. The instrument is one of the finest quality and most perfect adjustment. It throws the picture on a large screen which is in front of the audience, where everyone can readily see the picture. It is a valuable addition to the college.

Professor Anderson, of the mechanical department, gave his senior students a free trip to Cincinnati where they spent several days of study in the various machine shops, foundries, factories and manufacturing centers of the city. The trip was highly beneficial and of course enjoyable to all those who went.

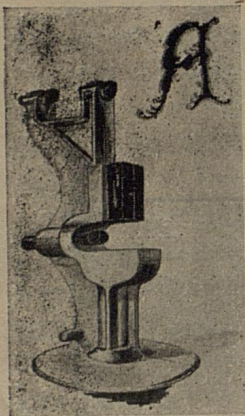
SCHOOL OF MECHANICAL ENGINEERING

After the Southern began to recover from the effects of the Civil War, and the vast mineral resources of this part of the country began to be known, efforts were made to develop these resources. Manufacturing in the Eastern States

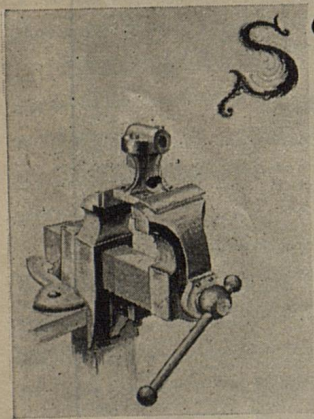


MECHANICAL HALL.

SCHOOL OF MECHANICAL ENGINEERING.

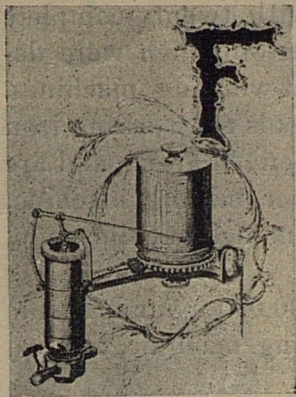


AFTER the South had begun to recover from the effects of the Civil War, and the vast mineral resources of this part of the country began to be known, efforts were made to develop these resources. Manufacturing in the Eastern states had already been elevated above the plane of mere trades or handicrafts, and had been systematized. Scientific methods and scientific principles were now essential to the management of every well-equipped establishment, and this demand for a higher knowledge of mechanical and engineering principles gave rise to the introduction of the great technical and engineering schools that have sprung up throughout the country within the last generation. The first scientific and technical school of modern times was established in France more than a century ago, and since then, schools and universities of this class have been established all over the world. The characteristics of these schools vary considerably, and they include everything from mere manual training and trade schools up to the highest class of scientific and polytechnical universities.



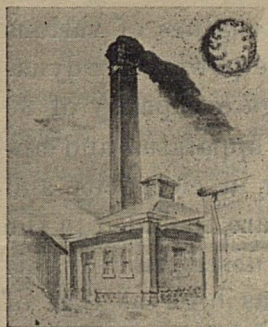
SOON the resources of our country began to become developed more and more, and as manufacturing and engineering enterprises have been placed on a higher plane, higher classes of technical schools have been established to teach the underlying principles and methods governing all engineering. The national government was fully alive to the fact that this country could not remain a great agricultural country always, and that the future wealth of the nation must, in a large degree, depend upon the development of the other natural resources and the upbuilding of manufacturing industries, so as to make us, in as great a degree as possible, independent of the nations.

To this end she has donated vast tracts of land and given large sums of money to the different states for the purpose of establishing and assisting the state to maintain scientific and technical schools.



FOLLOWING the example of the national government, the various states have contributed according to their ability to maintain and enlarge these colleges and universities so established, the result being that every state has now a State Agricultural and Mechanical College. Many of them are among the largest of the educational institutions of the country.

When this college was first founded—nearly twenty years ago—a mechanical department was organized as a part of the school, but it consisted only of a certain amount of practical work in wood and iron and a superficial training in engineering. This department was not a success, teaching, as it did, only an elementary knowledge of this profession, and in this respect being only a trade school, in which was taught a good and liberal education.



ON June 24, 1891, the mechanical department was reorganized under the name of the School of Mechanical Engineering of Kentucky State College. Following the example of the highest class technical schools in the United States, a course of study was laid out, which has been improved and enlarged until it is equal, in nearly every respect, to that of any of the largest institutions of the country.

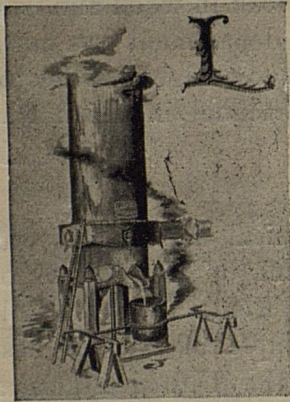
The object of the school is to train young men in designing and building all kinds of machinery, and in particular teaches the design of steam engines and electrical machinery.

The equipment of this department, including buildings, represents \$80,000, and is one of the best equipped in the whole South or West. This department has passed the experimental stage, and the good results are beginning to be felt already.

The original buildings, having a floor space of over 11,000 square feet, erected in 1891, consist of a two-story part, in which are drawing, designing, recitation rooms, library and office, and two one-story wings, in which are wood shops, machine shops, forge shops and foundry, also a boiler house and engine room. The boiler is a Babcock-Wilcox water-tube, and the engine is a 10 x 24 Hamilton Corliss. The foundry is equipped with a 30-inch cupola furnace, with a capacity of a ton of

metal an hour, and also with a brass furnace and all the appliances of a modern foundry. The wood shop is equipped with twenty complete sets of wood-working tools, seventeen lathes, four of which were designed and built by the students, and several wood-working machines. The blacksmith shop is equipped with forges and tools for working iron and steel. The machine shops have recently been enlarged, and are equipped with lathes, drill presses, a planer, shaper, milling machine, and a great many other smaller machines. It is a model machine shop, and has a full set of tools and appliances.

The testing laboratory is equipped with a 100,000 pound Riehle testing machine and a 1,000 pound cement-testing machine, also all appliances necessary in testing materials:



LOOKING toward the further development of this course, new buildings have been erected, in which are located the experimental laboratories.

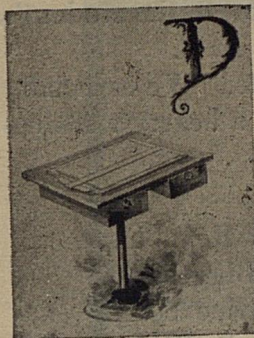
The equipment is as follows: A 50 horse-power tubular boiler; six engines of various types, aggregating 140 horse-power; five dynamos and motors of aggregate capacity of 30 kilo-watts. All necessary apparatus and appliances for experimenting in electricity and for testing steam engines are included in the

equipment. The foregoing is merely a superficial description of this department's equipment. The course of study is as high as that of any like school in the United States in all the essential features.

To enter the Freshman year the student must have finished Algebra, besides having a good knowledge of all the common school branches of education. The Freshman year includes English, Geometry, Trigonometry, Mechanical Drawing and work in the wood shop and foundry. The Sophomore year includes Physics, Analytical and Descriptive Geometry, Chemistry, Designing and work in forge shop and machine shops. The Junior year includes Calculus, Mechanics, Strength of Materials, Metallurgy, Heat, Magnetism and Electricity, Designing and work in the experimental laboratory. The Senior year includes Thermodynamics, Valve-Gearing, Steam Boilers and Transmission of Power, Engine Design, Dynamo Electric Machinery, History and Political Economy and Thesis work.

The last half of the Senior year is given up to Thesis work

entirely. This course of study leads up to the degree of Bachelor of Mechanical Engineering on the presentation of a thesis on some original design or investigation upon graduating.



DURING the last four years a great many machines have been constructed after original designs in these shops. Among them is a 25-horse power engine, designed by A. C. Norman, '94; a 4 kilowatt dynamo, designed by N. A. Newton, '94; a Justice hammer, designed by J. T. Faig, '94; an 8-horse power Corliss engine; a sensitive drill, designed by J. I. Lyle, '96, and a great many smaller machines and models for class work. The classes in shop work are now engaged in building a 45-horse power tandem compound engine, designed by Joseph M. Downing, '95.

The attendance of this department has increased steadily since its organization, and is now one of the largest departments in the college. During the last year there were over sixty matriculates in this department.

The graduates of this department have, with but few exceptions, secured good positions. The engineering department of the United States revenue cutter service has been open to graduates of this school for the last two years. Since then, two of the graduates of this department have passed the required examination, and now have the position of Assistant Engineer, with rank and pay of Second Lieutenant.

There is probably no field open to the young men of the South, and of Kentucky in particular, that offers greater advantages than that of mechanical engineering. It is almost impossible to estimate the mechanical possibilities of the next century, and it is only too evident that Kentucky, on account of her wealth of natural resources, is destined to become the center of a vast manufacturing district.

E. C. McDOWELL, B. M. E., '96.

THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION.

The Young Women's Christian Association of State College was organized on April 21, 1896. The need was felt before, but no one had suggested an organization nor, in fact, realized its importance until we had a visit from Miss Simms, of Chicago, a secretary of the international committee. Our association was organized with thirty-seven members;

twenty-seven active and ten associate. In the organization was manifested a deal of enthusiasm. Our object is to raise the moral tone and to develop Christian character among the girls. Active Christian work will be pursued. We have elected a delegate to the student's summer conference, to be held in June, at Asheville, N. C.

We hope to do much good during our college life. We especially desire the new girls to join our ranks. We extend a hearty welcome to all.

OFFICERS.

President	Miss Nelly Reynolds.
Vice-president	Miss Margaret Biggerstaff.
Recording Secretary	Miss L. Beatrice Terry.
Corresponding Secretary	Miss Martha R. White.
Treasurer	Miss Mary Atkins.

 YOUNG MEN'S CHRISTIAN ASSOCIATION.

The Young Men's Christian Association, of State College, has enjoyed a fruitful year's work. Beginning at the opening of school with an active fall campaign among the new students, many were won to the ranks of the association work. The social reception immediately followed, winning friends for the association. Two Bible classes were conducted the greater part of the year. Altogether the daily fifteen-minute prayer meetings were continued for three months; six weeks before and six weeks after Christmas. These meetings were held in different student's rooms, were always prompt, and exerted a marked influence for good. Several voluntary confessions were made at these meetings. The moral tone was elevated. Right boldly faced its opponents and made them cower. The Young Men's Christian Association was a factor both seen and felt in the college.

The financial condition of the association during the year just closed has been one of the most successful in recent years. The students and faculty liberally subscribed to the budget of expenses. Through their kind generosity the association is enabled to send four men to the students' summer conference, to be held at Knoxville, June, 19-28. The college has kindly come to our aid and has given us a nice room and three dozen nice chairs. This long felt need having been supplied, we now entertain still brighter hopes for our future work. Our sincere thanks are tendered all who have aided us in our past year's work.

In Memoriam.

Whereas: God, Who knoweth and doeth all things that are best for His children, hath been pleased to remove from our midst while yet in the bloom of youth, our beloved class-mate,

HENRY MARTYN SKILLMAN SCOTT,

therefore be it

Resolved: That we, the class of '98 of the Kentucky State College, feel our loss deeply and that we extend to the bereaved family our sincere sympathy in this, their hour of grief.

Resolved: That in this death the class of '98 suffers an irreparable loss as he was an ornament to his class and beloved by all.

Resolved: That a copy of these resolutions be sent to his family, to the city and college papers and also that they be spread on the class record.

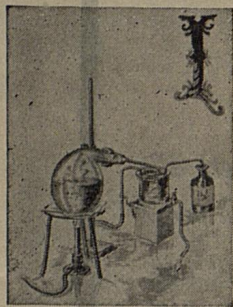
W. L. BRONAUGH,

T. L. CAMPBELL,

SIDNEY A. SMITH,

} Committee.

WORK OF THE CHEMICAL DEPARTMENT FOR THE
YEAR 1895-96.



IN actual work done it is believed that the Chemical Department compares favorably with any in the college, and that it has left its impress for good upon college affairs. The study of chemistry ought certainly to be elevating and liberalizing in its effect upon the intellect. The science has had a splendid past and is being developed in a still more splendid present. The pages of its literature are illumined by some of the greatest names in history.

It has been the aim of the department to make itself worthy of the greatness of the science, and to inspire its students with the desire for the acquisition and transmission of knowledge. As to how well this has been accomplished may be judged in some measure at least by the following results. Since 1888 over five hundred students have received instruction in one or all of the several branches of chemistry. And of this number a score or more have acquired such a knowledge of the science as to be able to pursue original studies therein. After leaving college the graduates and advanced students of the department have been highly successful in the practice of chemistry as a profession. H. H. Hill, special student in chemistry '93-'94, is at present employed as chemist in one of the greatest woolen mills in Massachusetts; B. C. Keiser, graduate in chemistry in '94, is consulting chemist to a large manufacturing establishment in Chicago at a salary of \$1,200.00 a year; W. J. Calvert, special student in chemistry '93-'94, is at present assistant in histology in the medical school of Johns Hopkins University.

In the highest sense, however, the success of any school is not to be measured by the number of students, but by the character of the work done and more than all else by its contribution to the thought and literature of which it is exponent.

The aim, therefore, has been and is, to make the chemical department not only a school for instruction in the several branches of chemistry, but a center of chemical thought as well. With what success this plan has been carried out may be judged of by the fact that from 1892 to 1894 the department made as many as nine distinct contributions to chemical literature. They are as follows:

On the separation of copper and cadmium, J. H. Kastle.
On the decomposition of silver chlorate, considered in the
light of Ostwald's Theory of Affinity, J. H. Kastle and R. C. Kaiser.
On the decomposition of the salts of chloro and bromoacetic acid,
J. H. Kastle and R. C. Kaiser.
On the color of salts in solution, J. H. Kastle.



EXPERIMENT STATION BUILDING.

Chemical Laboratories, Office and Lecture Room on second floor.

"On the separation of copper and cadmium," J. H. Kastle.

"On the decomposition of silver chloracetate, considered in the light of Ostwald's Theory of Affinity," J. H. Kastle and B. C. Keiser.

"On the decomposition of the salts of chlor and brom, acetic acid," J. H. Kastle and B. C. Keiser.

"On the color of salts in solution," J. H. Kastle.

"On the action of benzine sulphonic acid on potassium iodide (a new class of periodides)," J. H. Kastle and H. H. Hill.

"On the action of oxalic acid on phosphates, silicates and soils," J. H. Kastle, Paul Murrill and W. J. Calvert.

"Diazobenzene aniline chloride," J. H. Kastle and B. C. Keiser.

"On the saponification of the ethers of the sulphonic acids by alcohols," J. H. Kastle and Paul Murrill.

"On the determination of the affinities of acids colorimetrically by means of potassium dichromate," J. H. Kastle and B. C. Keiser.

During the present collegiate year the results of three investigations have already been published in the *American Chemical Journal*.

A New Reagent for Bromine and Iodine. Preliminary Notice Concerning the Halogen Derivatives of the Sulphonamides.—*By J. H. Kastle.*

On the Preparation of Hydrobromic and Hydriodic Acid.—*By J. H. Kastle and J. H. Bullock.*

On the Halogen Derivatives of the Sulphonamides.—*By J. H. Kastle, B. C. Keiser and Ernest Bradley.*

Still other papers by Murrill, Frazer, Roberts, are either in course of preparation or awaiting publication.

These investigations represent the highest and best work of the department.

To the man or woman who knows anything of the trend of scientific knowledge they signify that the department is trying to make its impress on the chemical thought of the present day. In addition to all this these investigations are intended to open the eyes of the student, to the higher and better things of our mental and intellectual life. And if nothing more, it tends to relieve his mind of the very prevalent but erroneous impression that the summum bonum of all human knowledge is included between the oft-times delapidated covers of some so-called text book which he has conned and crammed.

SOME OF THE ADVANTAGES OF CHEMICAL TRAINING.



NO education, either liberal or technical, is complete without some knowledge of chemistry. Aside from its professional aspects, thorough training in chemistry offers many advantages to the student. Through its study he becomes familiar with the fundamental constituents of the world and universe in which he lives. He learns to appreciate the beauty and grandeur of certain orders of natural phenomena which otherwise would have no meaning for him at all. Actual work in chemistry teaches him accuracy in manipulation and in thought and speech. Without the balance modern chemistry would have no existence. With this delicate apparatus it is fast becoming an exact science, with a nomenclature the most perfect that has ever been devised. Chemistry has always made its influence felt on medicine from the earliest times to the present. In fact, no man can ever hope to become a great physician without a very accurate and profound knowledge of the chemistry of the animal body and of the various substances comprising his *materia medica*. In fact, it is a matter of easy demonstration that the greatest physicians of the world have always kept fully abreast of the great advances of chemical science. Again some knowledge of chemistry is necessary to the inventor, the architect and the engineer. No one can accurately judge of the possibilities and capabilities of any substance without first knowing something as to its composition. It is in this way that chemistry affects nearly every calling and pursuit of life, and no aspect of our great civilization but has felt the subtle, transforming touch of the wonderful alchemy of to-day. Even the farmer is better off, materially and intellectually if he but knew something, be it ever so little, of the chemical nature of the water, soil and air and of the complex organic compounds, elaborated from the same in the marvelous growth of the plant.

THE PHILOSOPHIAN SOCIETY.

The Philosopher Society was organized in the year 1882. It was then a society in the normal department of the college since that was the only department open to young ladies at that time.

This society, like all other organizations, has had its period of prosperity and its period of decline; but since its reorganization, in 1892,

it has been in a flourishing condition. The work of the society is purely literary, the purpose of its organization being the cultivation of the literary talents of its members. It is its custom to hold two open sessions during the year in order that the public may obtain some idea of its work and progress.

Beginning with next year it is intended to have in addition an annual declamatory contest. On the evening of May 29th, the philosophers entertained their friends at their annual banquet. It was quite a nice affair and the chosen crowd enjoyed it immensely. The following are officers of the society :

President	Miss Alice Duck.
Vice-president	Miss Frankie Douglass.
Recording Secretary	Miss Margaret King.
Corresponding Secretary	Miss Batta Bracht.
Treasurer	Miss Mary Atkins.
Librarian	Miss Lela Graves.

THE PATTERSON SOCIETY.

The Patterson Society may well feel proud of her record during the past collegiate year. The attendance and interest in literary work this year have far surpassed any in the history of the society. We have done good work. All the "open sessions" and contests given by us have been far above the standard. Our orators and declaimers have made for themselves an enviable record. State College is fast striding toward the front rank in oratory and her present position is mainly due to the efforts of the P. L. S. We have but to review a few of the contests given under our auspices to recall contests that were both pleasing and instructive. First in order comes our declamatory contest which was one of the most spirited contests ever held in the college chapel. It was won by Mr. T. L. Campbell, who afterwards represented the society in the Cynthiana contest, where he won second prize in a field of seven competitors.

The next event of prime importance, the star event of the society was the Patterson oratorical contest of March 27th. It was a large and cultured audience that greeted the five young orators on that occasion. The first prize, \$25 in gold, given by President Patterson, was won by Mr. John T. Geary with his masterly oration the "Evolution of the Republic." The second prize, a gold medal, given by Mr. G. W. Crum, of Louisville, was won by Mr. T. R. Dean, with his glowing oration on Kentucky. His subject was, "The Favorite Daughter." Our society

had an able representative in the interstate prohibition contest at Pittsburg, in the person of Mr. J. T. Haley.

Our crowning triumph was the success of Mr. John T. Geary at the Opera House, who won the inter-collegiate oratorical contest defeating representatives from all the Kentucky colleges. His victory was a popular one and State College is proud of her eloquent son.

We are sincerely thankful to President Patterson and Mr. Crum for their generous encouragement. Mr. Crum's son was formerly an influential member of the society, and on account of his untimely death while connected with the society Mr. Crum has been one of our warmest friends. Each year he gives us a handsome gold medal which forms second prize in the annual Patterson oratorical contest. We were delighted to receive from President Patterson his portrait which now hangs in our hall. It is an excellent likeness of President Patterson, will be an inspiration and incentive to our members. At our last meeting officers for next year were elected. President Patterson was present and complimented our work in the past and predicted a bright future for the society. This year five of our members are graduates; Messrs. Dean, Davidson, Carnahan, Dunlap and Kerrick. Mr. Dean gets first honors in his class, Messrs. Davidson and Dunlap are second honor men. We feel sure that some of the most pleasing recollections of their college career will cluster around the associations and friendships formed in the Patterson society.

THE NORMAL DEPARTMENT.

This department is designed more particularly, but not exclusively, to qualify teachers for common and other schools.

There are courses of study as follows: County Certificate, State Certificate, State Diploma, and the regular collegiate course of four years, leading to the degree of Bachelor of Pedagogy. The whole number of matriculates in the department for the school year just ending is 104.

For those preparing to teach there is no better school. It is utter foolishness for the common school teachers of Kentucky to go to some other state and attend some mushroom school when they can get better instruction for about the same money at the Normal School of their own state.

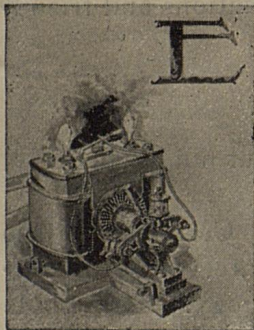
Prof. Roark, Dean of the Normal Department, is recognized to be one of the leading Normal instructors of this continent. His popular book on Psychology is conclusive evidence of what we students say of him.

One great advantage this department has over other Normal Schools is that in many classes the students are taught by the learned teachers who are specialists of the various other departments.

We wish to make special mention of the Normal Literary Society work. Considering the short time that students are in the department—usually one year or five months—some of the best work of the college or of the state is done. Students have every advantage here offered any where else. If you are a teacher why not come to the State College?

See your county superintendent and tell him that you want an appointment to the Normal Department of Kentucky State College, at Lexington. He can give you an appointment which will enable you to receive free tuition, room rent, fuel and lights and traveling expenses to and from college. Four appointments may be made each year from your county to the *Normal Department*. These appointments are good for one year only, and *must* be made between July 1st and December 31st. Don't forget this, and don't get the appointments to the Normal Department mixed up with appointments to the college proper. Of course *your* county superintendent knows, but some don't.

ELECTRICAL ENGINEERING.



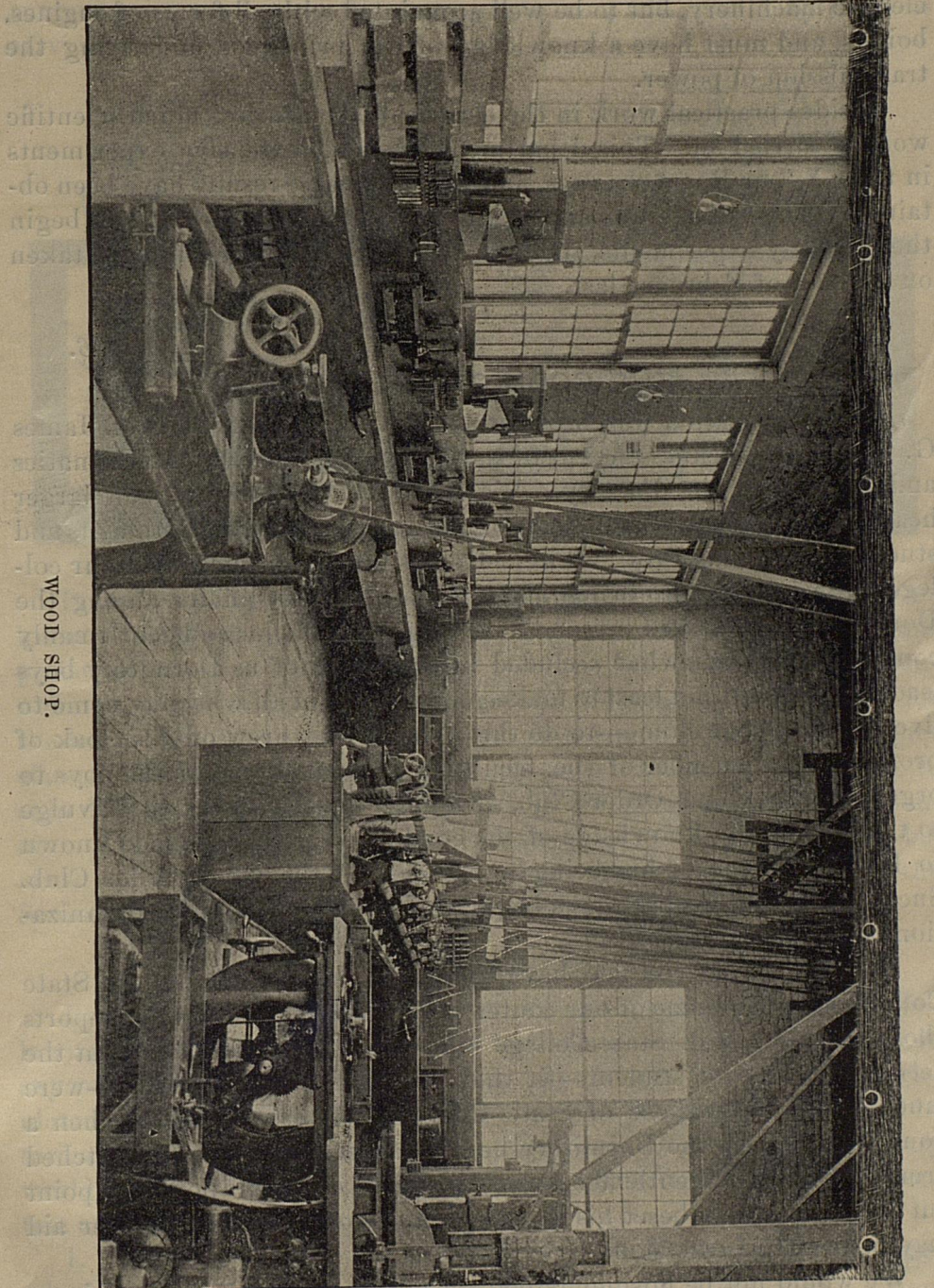
ELECTRICAL Engineering is closely allied with Mechanical Engineering, and indeed so much dependent is the electrician upon the principles of machine design in designing electrical machinery, that the two branches are almost inseparable. A course in Electrical Engineering has been established in this college, which not only treats of the design of dynamo electric machinery, but embraces the study of the installation and operation of

power and lighting plants.

The course embraces practically the same studies in mathematics, physics and chemistry that are included in the mechanical course. Also the principles and methods of boiler and steam engine design are included, as the steam engine is the motive power for all dynamo electric machinery, except in a few favored localities where advantage may be taken of water power.

The dynamo is merely a machine for the conversion of mechanical into electrical energy, and from electrical energy, it can be converted into light and heat, or reconverted by means of the electric motor into

mechanical energy. It then becomes necessary for the successful electrical engineer to not only be able to understand thoroughly dynamo-



WOOD SHOP.

power are Christian, and the presence of gentleness is not below that

mechanical energy. It then becomes necessary for the successful electrical engineer to not only be able to understand thoroughly dynamo-electric machinery, but to be well acquainted with all forms of engines, boilers, and must have a knowledge of the principles underlying the transmission of power.

Besides practical work in the electrical laboratories, much scientific work is carried on. This department has made extensive experiments in the "X," or Roentgen rays, and many valuable results have been obtained. This college was among the first in the United States to begin the "X" ray experiments, the first successful shadowgraph being taken on the 21st of February last.

E. C. McDOWELL, B. M. E.,

Class of 1896.

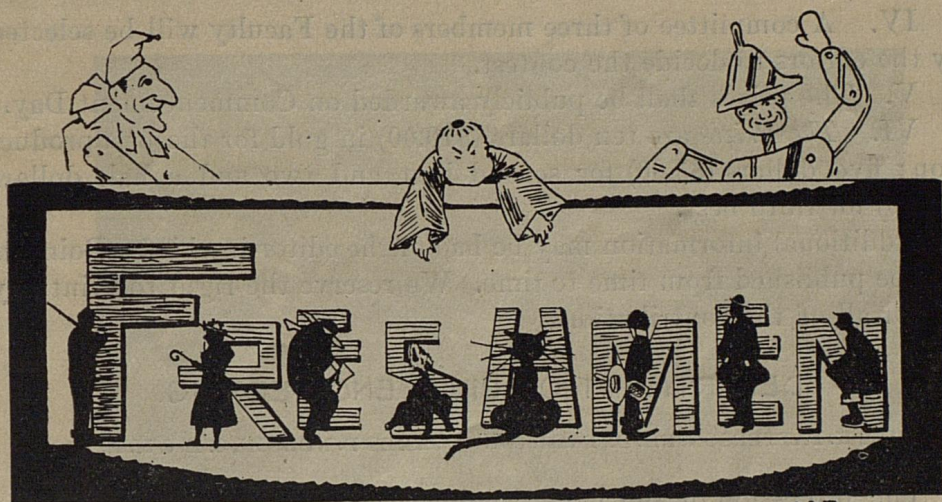
THE GOOD ORDER CLUB.

This organization was brought about by the efforts of Prof. James G. White, the Business Agent of the college, Professor of Mathematics and member of the Faculty. We have never known a man larger hearted, purer in deed and action or more sympathetic with students and student life than is Prof. White. He has been connected with our college for years, and to bring about such a state of affairs among the Dormitory boys as will be conducive to good behavior and gentlemanly conduct in the somewhat secluded life which all of us Dormitory boys lead, and last but not least to make good citizens of all who may come to live in our college home—to do this Prof. White threw off his cloak of professor and member of the faculty and came as one of the boys to organize the Good Order Club, pledging himself never to divulge to the faculty any knowledge of the conduct of a student made known to him by virtue of his being a member of the Good Order Club. Such conduct on his part gave inspiration to us boys, and the organization is a success.

No matter what you may have heard concerning the morals of State College students (some of our contemporaries have put out false reports about the conduct of State College students, when they knew that the deeds of their own students—if they did not know it we do—were much worse than those of State College), rest assured that when a young man enters the Dormitory he will be received with outstretched arms of Christian gentlemen, who will do all in their power to point out the snares that beset his footsteps, and to give him whatever aid may be in their possession.

We would not be misunderstood—we do not say that all Dormitory boys are Christians, but the percentage of gentlemen is not below that

of any other institution in the state. When you come to State College board in the Dormitory, join the Good Order Club and give us your support; we need you, the state needs you, will you deny us your services?



G.F.B.

Poor Freshies; poor, lone, forsaken little greenies. You can never know the full extent of our sympathy for you. While we Sophs drink pleasure from the eyes of our lady love, we feel that half the millenium has come, and we are no longer boys, but sages. We care not for the lower classes; we are above them. We care still less for the higher classes; they won't notice us. Our hope is to learn how to fake, to skip drill and ride a pony. To us this is the other half of the millenium. We don't know where the Preps are "at;" the Freshmen are beneath us somewhere. The Juniors are no better than we are, and the Seniors are simply bluffs, "only that and nothing more."

PRIZES.

By reason of the CADET'S growth, we are enabled to make the following offer as an inducement for high-class original productions in any part of the literary sphere. This offer is only to regularly matriculated students of the A. and M. College of Kentucky. Poems, historical sketches, narrations, stories, essays—anything in the literary world that is original, is what we desire. The conditions of the contest are as follows:

- I. The contest is open to any student of the Kentucky State College who is a *subscriber* for the CADET.
- II. The production must be original; shall not contain more than

800 words, and must be handed in to the editors not later than May 1, 1897.

III. *Style, Diction* and *Subject-matter* will be equally considered by the committee.

IV. A committee of three members of the Faculty will be selected by the editors to decide the contest.

V. The prizes shall be publicly awarded on Commencement Day.

VI. *The Prizes* are ten dollars (\$10.00) in gold for the best production; five dollars (\$5.00) for second best, and two and a half dollars (\$2.50) for third best.

Additional information may be had of the editor-in-chief. Pointers will be published from time to time. We reserve the right to print any one or all of the contributions.

DEPARTMENT OF CIVIL ENGINEERING.

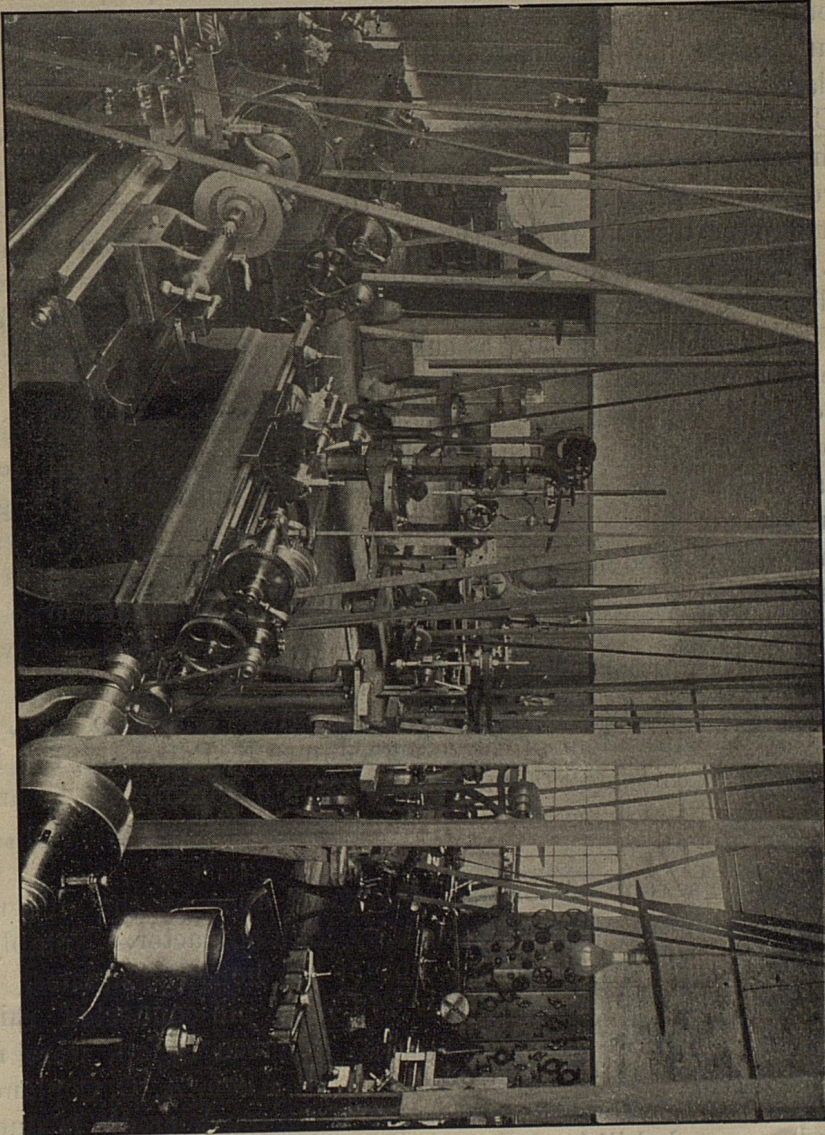
JAMES K. PATTERSON, PH. D., PRESIDENT. JAMES P. NELSON, C. E. & M. E., DEAN.

The profession of the Civil Engineer offers to earnest, ambitious and industrious men who have been properly educated a large opportunity for the acquirement of wealth and for the exercise of the highest order of talents. It has taken rank with the other learned professions, and is not classed as a trade, because those by whom it is practiced must be not only trained technically, but also educated liberally in Arts and Letters in order to achieve pre-eminent success. As the wants of commerce increase, the problems that present themselves to a Civil Engineer for precise solution are more and more exacting of his best thought and skill. Once the spanning of the stream between New York and Brooklyn seemed to be an undertaking vast enough to test man's best genius. To-day the Civil Engineer does not hesitate to bridge the Hudson with a structure so stupendous that those who do not know the resources of the modern constructor marvel at the boldness of the design which will in due time be carried to its perfection by that most efficient corporation known as the Union Bridge Company.

For the scholarly Civil Engineer no project seems impossible if capital is ready to pay the cost. To the student in this profession the unsolved problems offer abundant ways to fame and fortune.

Lately the Civil Engineer has become of necessity a man of many accomplishments. He must be able to build a railway, and to manage it after it is completed. The chief officers of great railway corporations come, as a rule, from the ranks of the Civil Engineer. He must know

how to construct any one of the many buildings which make up the
the demands. Give back to him for their proper care in all of their
physical needs. The water that must be pure and pleasant; the streets
that carry the masses traffic; the sewers that take away the filth; the
it cannot be done; the parks through which the people breathe in



MACHINE SHOP.

their industry and skill in their several tasks. They received from Mr.
Payson the data for the various members of the bridge, and with this
they made the working plans which show the minutest details so that
the structure could be set out from the design as developed by these
drawings.

how to construct any one of the many buildings which man's varied life demands. Cities look to him for their proper care in all of their physical needs. The water that must be pure and plentiful; the streets that carry the ceaseless traffic; the sewers that take away the offal, lest it cause pestilence; the parks through which the people breathe in purer air, these and whatever else enters into the perfection of the city's beauty, health and physical comfort, are the duty of the Civil Engineer to plan and construct.

Civilization proceeds by means of the enlargement of our control of physical resources. The Civil Engineer has been called the "advance guard of civilization." No less is he the director of those forces which must be ever used to insure the permanence of any progress made by man. The field for the employment of the energies of the patient and intelligent Civil Engineer is as wide as the needs of man's life. To such a one the rewards are as sure and as worth reaching after as are those in any of the other learned professions.

To fit young men for entrance into this calling, a course of study has been established at the State College of Kentucky. It embraces the several subjects to know which is expected of the educated Civil Engineer. It is not a simple one, yet it is not beyond the power of any earnest and intelligent student to master. To its many advantages, both as a professional course and as one purely for an educational purpose, the attention is called of those who are seeking to prepare themselves for a useful and high work in life.

Information as to this course will be gladly given to those who desire it by the president of the college, James K. Patterson, Ph. D., or by the Dean of this department, James Poyntz Nelson, C. E. and M. E. They can be addressed in person or by letter at Lexington, Kentucky.

During the session of 1895-96, the work done by the students in this department was of an exceptionally high character. Notably the senior, Harry Adolph Davidson, one of the honor graduates, completed in detail the design of a 270 foot, pin-connected railway bridge. The drawings for this work, nineteen in all, were made by under class-men. C. W. McElroy, L. B. Allen, A. C. Copland, R. K. Maddock and J. R. Vinson, and to them much credit is due for their industry and skill in their several tasks. They received from Mr. Davidson the data for the various members of the bridge, and with this they made the working plans which show the minutest details so that the structure could be erected from the design as developed by the drawings.

The freshmen class has taken a high stand in all of their studies. They promise to be star men throughout their course. They have completed the subject of plane surveying, and have had practice in the field with the transit, compass and level. The Sophomores have studied railway curves and the elementary principles of the design of roof and bridge trusses. The senior course covers the subjects of the detailed design of structures generally. Hydraulics, or the theory of the movement and pressure of fluids, Spherical Trigonometry and Higher Surveying. The freshmen devoted some time to architectural drawing.

Considerable attention was given to the study of practical railway matters, such as the making of time cards, train signals, etc.

The course in plane surveying is so ordered that students can enter the classes in that work without becoming full matriculates in Civil Engineering.

NEXT YEAR:

We hope to meet at old A. and M., 500 hundred students in attendance during the first month.

We are going to serve our constituents even better than we have this year.

We hope to have 50 and more contestants for the prizes which we offer.

We shall see a larger number of Kentucky's noble sons and fair daughters here striving for the benefits that accrue to all who attend this school.

We shall see old State College again wear fresh laurels of victory from the Inter-Collegiate oratorical contest.

We shall see her girls win in the declamatory contest.

We shall all enjoy greater privileges, win greater victories and accomplish greater achievements.

SOME SPECIAL FEATURES.

Some of the special features that are free to students are lectures in botany, geology, diarying, chemistry and mechanics. These are given sometimes by members of the faculty and sometimes by noted men of other universities.

Professors Pence and Anderson gave several free lectures and exhibitions on X-rays during the spring term. These exhibitions were very wonderful and always drew large crowds. The results from experiments with the X-rays were highly satisfactory and in this respect State College leads the South and West. Some of the very best talks and lectures are given before the Y. M. C. A. from time to time by the professors and pastors. The open sessions of the societies might also

be mentioned as being literary entertainments of the very highest type. They are highly enjoyable and always free.



THE COLLEGE GIRLS.

Last spring the Harvard Quartette spent an evening in our chapel and delivered some of the finest music that has ever been heard at State College.

Different lectures and entertainments are given free to students throughout the year. These are all calculated to instruct and develop

the student, to elevate his literary standard and to strengthen his moral fibre.

Our college girls are lovely and innocent creatures, possessing rare beauties and charms that exert a wonderful and powerful influence on the boys who chance to look upon them. This latter rule is seldom violated. Our college girls are excellent students. Last year they captured the first and second honors. Perhaps she is a little truant in her winning ways, not bad, but giving away smile after smile in her own artful way, until the fellow can stand it no longer, but must confess that he is deep in love with the fairest angel this side the heavenly land. He is blinded by the folds of love and is floating around on seas of imagination, while she, perhaps, is planning his g. b. But true love wins. She is beautiful. She surrenders to cupid's perfect art.

"She has proven herself the fairest swan
That ever played along the Muses' stream."

Like a star-eyed goddess, she moves among us. Her celestial loveliness, supernal grace and seraphic presence charm us all. Then here's to our college girls, the most precious jewels in the casket of memory; the brightest stars in the constellation of the moral sky; the purest gems in the coronet of love; the sweetest flowers in the garden of the heart.



BASE-BALL.

BASE BALL.

Base ball has been in our college almost from its foundation and our teams have scored many a victory, notwithstanding the advantages of other teams over ours. Our team has a fine diamond and many hot contests have taken place on it. It has played in many of the neighboring towns and has won a full share of the laurels. From the accompanied cut, our readers will see that ours is a typical base ball man, well developed, keen sighted, quick of action and a heavy batter. Ours is a bright future.

THE TRACK TEAM.

Our track team this year has done good work in the majority of events. Three old records were broken and a new event added to the college record. State College, through the efforts of Smith E. Alford, is now a member of the Southern Inter-

collegiate Athletic Association where we hope to win new laurels in the future. In the field-day contest between K. U. and State College, May 30, State College easily won the day by a score of 68 points to 38 points.

The records below show that we are not only on par with our sister colleges but also with our sister states as well.

COLLEGE RECORD.

EVENT.	WINNER.	RECORD.
100 Yard Dash	Alford	10 1-5 seconds.
Throwing Hammer	Carnahan	94 feet, 5 1-2 inches.
One Mile Run	Roach	5:12.
Pole Vault	Kirk	8 feet, 7 inches.
1/4 Mile Run	Haley	54 4-5 seconds.
High Jump	Willmott	5 feet.
220 Yard Dash	Alford	23 seconds.
Putting Shot	Carnahan	34 feet, 3 inches.
880 Yard Run	Roach	2:20 seconds.
Broad Jump	Alford	20 feet, 10 4-5 inches.
220 Yard Hurdle	Campbell	29 4-5 seconds.
One Mile Relay	{ Kirk, Haley, } { Davidson, Roach, }	3:59 1-2
Hop, Step and Jump	Campbell	39 feet, 7 inches.

FOOT BALL.



FOOT-BALL.

Since its initiation four years ago, foot ball has been the nucleus in the athletic interest and has rapidly developed it. Foot ball at State College has never had any serious mishaps. No serious accidents have ever happened to any member of our team at any time. The game has lost its old-time roughness and is now, in fact, but a vigorous and healthful exercise which benefits every player. Our team has scored many victories. Last year it won the Inter-collegiate championship but it is now wearing other and better laurels. Our team at the end of last season tied with Centre for state championship and stood the second team of the South. Our team was coached by Mason, of Cornell, who did much to raise our standard of playing.

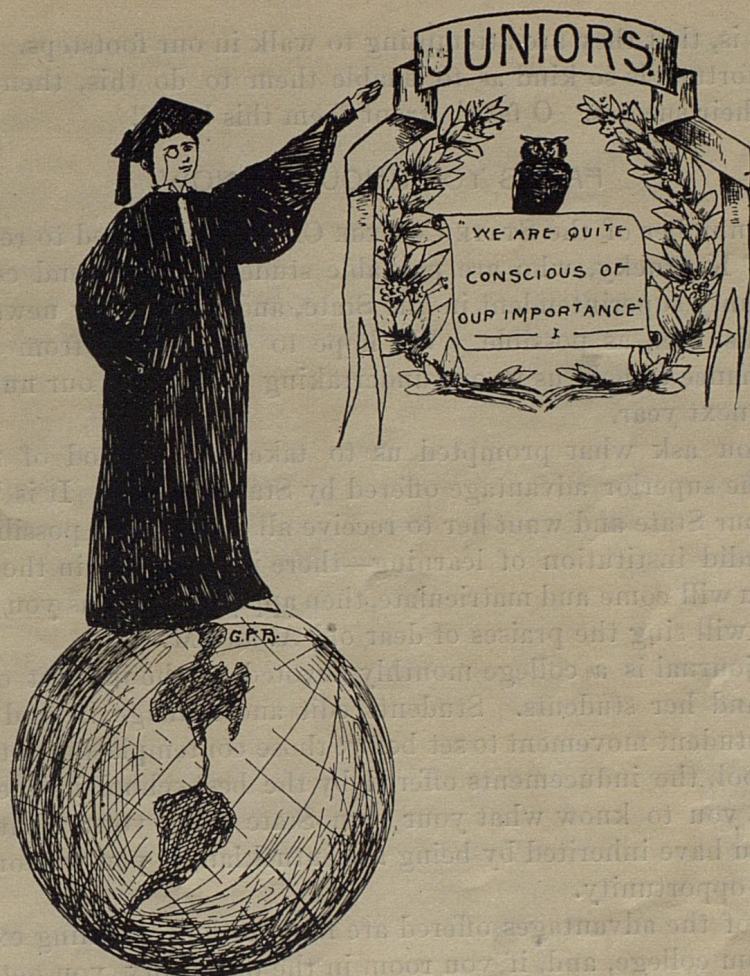
In fact, he made our team the best we ever had at State College. None but our own college boys play on our team and yet we have victories of which we may be justly proud.



STATE COLLEGE FOOT BALL TEAM.



Their only books
Each others looks
And folly is all
Its taught em.



As a member of the class of '96 beholds this show of vanity, he asks: Is not perfect ignorance perfect bliss? But then we seniors must not be too hard on the juniors, for we know what longings and anxieties possess them, how they sigh for the last year when they shall be numbered among the wise. Surely anticipation is the half-sister to ignorance as the above illustrates. The artist was certainly occupying in his imagination the exalted sphere of a senior when he drew this design; for who, acquainted or unacquainted with them, would accuse vain juniors of being as wise as the picture suggests? The greatest trial we seniors have had to bear was to give the sympathy and pity which those deluded juniors have wrestled from us. The only balm for this malady was the thought that next year, these mortals, now most pitiable, would be subjected to the same galling yoke. We seniors see but one redeeming feature in them, only one hope for them,

and that is, that they are attempting to walk in our footsteps. If, perchance, fortune is so kind as to enable them to do this, then we are sure of their success. O fate! grant them this boon!

FACTS YOU SHOULD KNOW.

This number of the STATE COLLEGE CADET is designed to reach the youth of Kentucky, who are probable students. We send copies to every county superintendent in the State, and to as many newspapers, periodicals, etc., as possible. We hope to receive aid from all who have a chance to help us in our undertaking to increase our number of students next year.

Do you ask what prompted us to take this method of making known the superior advantage offered by State college? It is because we love our State and want her to receive all the benefits possible from her splendid institution of learning—there is no better in the South, and if you will come and matriculate, then apply yourself as you should, you, too, will sing the praises of dear old A. and M.

This journal is a college monthly devoted to the interest of State College and her students. Students edit and manage it, and this is purely a student movement to set before those contemplating entering a good school, the inducements offered by the best school in the State. We want you to know what your own State offers you; what a rich legacy you have inherited by being a Kentuckian, if you will only embrace the opportunity.

Some of the advantages offered are free tuition, traveling expenses to and from college, and, if you room in the dormitory, you get in addition to the above, room rent, fuel and lights.

Virtually, the college is brought to your door by paying your traveling expenses to and from college, but this is not all. When you are at State College you are at one of the most healthy places in the State; besides, the school is better equipped than any other in the State. There are mechanical laboratories, chemical laboratories and a physical laboratory, all well supplied with modern apparatus. The instructors are specialists, and are therefore better able to give you thorough instruction, than one man who proposes to teach half a dozen branches.

To receive free tuition, traveling expenses and etc., it is necessary that you have an appointment to the college. See your county superintendent and have him to give you an appointment. He will tell you when the examination (competitive) for selecting appointees will be held. In some counties no examination is held, because nobody ap-

plies for an appointment. If you live in one of these counties and have no competition, this year all you have to do is to stand a creditable examination and you will receive an appointment.

This year each county in the State will be entitled to send four students to the college proper, and four to the normal department of the college, thus making eight in all.

Appointments to the college proper, viz: the agricultural, mechanical engineering, civil engineering, scientific, classical, and four years' normal courses, are good for four years, or for the time necessary to complete a course. Appointments to the college proper must be made between the first day of June and the first day of August, and certified at once to the President of the college.

All persons are eligible between the ages of fourteen and twenty-four, who have completed the common school course.

Any person not an appointee may enter the college on payment of fees, but does not receive traveling expenses.

Appointments to the normal department are good for one year only, and must be made between the first day of July and the thirty-first of December, and certified to the President of the college, as in the case of appointments to the college proper.

We have been rather elaborate in speaking of appointees and appointments, but we have a reason for it. We imagine we can see some county superintendent smile at the simpleness of our explanation, but we have seen superintendents with the school law in their hands, which is plain in meaning, yet did not know how to make an appointment. Of course, such is not the case in your county nor with you, if you are a county superintendent, but there are other counties, you know.

If you want any further information send for catalogue or write the President.

A TRIBUTE.

Now here's to old Kentucky,
The best, the fairest land,
Where freedom is inherent
In all the folks around.

Her plains, her dales and templed hills,
Touched by nature's artistic hand;
Alike, her laughing brooks and rills,
Afford the fittest home for man.

When visions sweet shall come to me,
As o'er the world I roam,
I then shall dream of none but thee,
My old Kentucky home.



Contrary to a prevailing idea the class of '96 was not "ousted" but actually graduated in real imitation of past classes. This class has always been known as the "stag" class, having only one lady member and she has often lamented (much to her credit) that fortune should thus frown upon and deprive her of the intense pleasure and equally great honor of graduating with a worthy class, such as '97. The class of '96 has justly gained the reputation of possessing the maximum amount of "beef" and minimum amount of brains of any past class or any class now in the college. But we have been taught that when nothing of credit could be spoken of a person or body of persons silence should prevail and as truth is foremost among the many virtues of '97 we are thus compelled to close hailing with joy the departure of '96, but hoping they will not disgrace the college by continuing their past record of idiotic blunders.

THE ALUMNI BANQUET.

The annual banquet of the Alumni of State College was held on Thursday evening, June 4, at the Merrick Lodge building. A large number of the graduates were present, together with many professors and invited guests. The costumes of the ladies were very beautiful, while the simple decorations with exquisite ferns made a most charming effect. At 9:30 a nice menu was served, after which many adjourned to the dancing hall. Mr. F. Clay Elkin, '92, was toastmaster of the occasion and acted his part well. The following toasts were responded to during the evening:

"Our College" Dr. John Shackelford.

"Class of '96" Smith E. Alford.

Poem, "Twilight Reveries" . Mrs. Katherine Adams Moore, '93.

"The Money Question from My Point of View,"

Butler T. Southgate, '92.

The occasion was highly enjoyed by all whose good fortune it was to be present.

ELOCUTION AND ORATORY.

One of the things to be noted in the year's work just completed, is the great improvement in the oratory of the college. Nor has her elocutionary training been in vain. More interest in declamation was taken than ever before. The declaimers always were well drilled if they were going into a contest. They were not afraid of too much practice and preparation. Our declaimers have made the best records in all the contests they have entered.

The progress in oratory has been very marked. Our orators have in every instance delivered good orations. The style of oratory is not bombastic and meaningless, but is simple, graceful, becoming and forceful. The hortatory and didactic are intermingled and, if either, the hortatory predominates. We need but mention again that State College won the Inter-collegiate Oratorical Contest.

Instruction in elocution and oratory is free to all. It is, we hope, firmly established at State College. The instruction is practical and highly beneficial to all who take it. The department this year was in charge of E. F. Brown, who did much for the success of our orators any declaimers.

THE PROHIBITION ASSOCIATION.

Early in the spring several of the students conceived the bright idea of organizing a Prohibition Association. On Wednesday evening, February 26, they consummated its organization with an initial membership of fifteen. After adopting a constitution the following officers were elected: H. A. Davidson, President; T. L. Campbell, Vice-President; W. B. Wootton, Secretary; T. W. Scholtz, Treasurer.

The association enjoys the privileges due to a member of the Inter-collegiate Prohibition Association of the United States, which organization has been doing a great work among the colleges of our country.

The State Inter-collegiate Oratorical Contest was held in our college chapel, May 1, and J. T. Haley, our representative, was the winner.

On May 1 the State Convention was held here and State officers elected. T. L. Campbell was elected State President and W. H. Sugg, State Treasurer, both from State College.

The object of the association is to arouse and maintain among students habits of honorable political activity; to promote an intelligent discussion of all political questions, and to forward by all honorable means the various lines of reform work carried on by the Prohibition party.

We would urge all who have the prohibition cause at heart to join us in the good work, and next year do all in your power to make our association a prominent factor in college life.

DROPPING THE CURTAIN.

There were many events during the closing of this collegiate year that would be profitable, perhaps, to recall, but here we will notice the most important according as each occurred.

On June 2d the Board of Trustees held their regular meeting in the President's office. However, before they convened a salute of seventeen guns was fired. During the session many problems were presented which were of grave importance to welfare of college. They were kept busy for two days. We learn that a few, if not many, of the members of the Board this year are new men recently appointed by Gov. Bradley.

One of the acts of the Board, one which all State College students will be glad to learn, is that foot ball is not debarred from our athletics. We are glad the Trustees reconsidered their former action and gave us the privilege of engaging in the best, most interesting and healthful game that has ever existed among the students at State College.

On the evening of June 2d the college primary, to choose the college representative for the coming Chautauqua oratorical contest, was held in the College Chapel before a representative and an appreciative audience.

Six hopeful orators came on the arena of contest, four from the Patterson Society and two from the Union Society. Besides the honor of representing the college, there was also added by Prof. C. C. Calhoun a scholarship in the Lexington Business College, to be given to the man winning first place.

There was lively competition by all the orators, and each showed himself gifted with the true flame. Honorable mention was made of all the orators except Mr. W. H. Sugg, of Clinton, Ky., who was forthwith declared by the Committee to be the winner of the contest; whereupon the Union boys rushed to the stage and carried him off on their shoulders to the waiting room, and "the band played on" for the Pattersonians. Mr. Sugg's subject was "The Dangers of Centralization." He has a powerful voice, is in good training, and is slated as a winner in the Chautauqua.

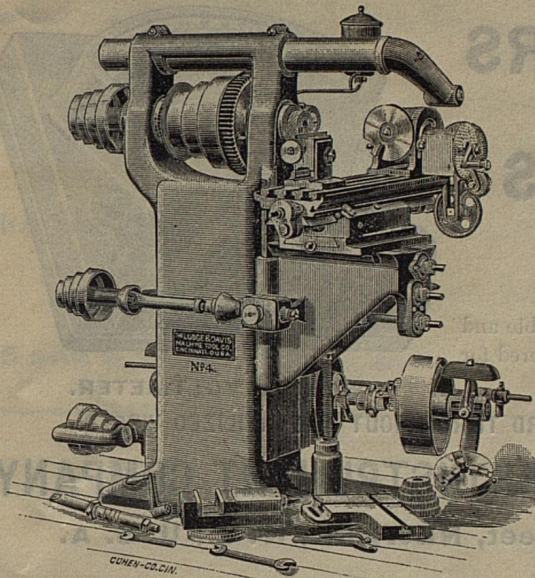
Following the contest, the class of '96, on June 3d, held its very interesting and entertaining Class Day. A large audience greeted the class of thirteen as they marched to the rostrum, which was beautifully decorated with class colors and flowers. Miss Alice Duck, whose spotless white draperies made a most striking yet pleasing contrast with the long line of black coats, presided with the easy grace and becoming dignity due her position as President of the class of '96. Space alone forbids commenting upon the various excellencies of each member that appeared before the audience. Each one did well and won much applause. Between times Saxton's band furnished delightful music.

On June 4th the farewell of the class of '96 was pronounced by her Valedictorian, Mr. T. R. Dean. The Board of Trustees and the Faculty occupied seats on the rostrum, and then the class marched up and occupied the front seats on the rostrum. Rev. W. T. Bolling delivered the opening invocation. Mr. J. J. Dunlap, a second honor man, was first on programme and delivered the Salutatory. His address was excellent and delivered with animation. Following him were three other second honor men, Messrs. D. M. Case, H. A. Davidson and E. C. McDowell, who did honor to their class with their good orations. Then came the Valedictory by Mr. T. R. Dean, who won the first honors of his class. His address was full of feeling, of tender recollections of college days, of ringing words of hope and good cheer for the great untried future. He closed with an eloquent farewell to his

comrades, teachers and alma mater. Flowers, presents and mysterious boxes were received by every member of the class. Then came the delivery of diplomas by Hon. J. T. Gathwright, President of the Board of Trustees, upon whom, in the absence of Gov. Bradley, this duty devolved. Besides the class of thirteen there were four post-graduate degrees, viz.: Paul Murrill, M. S., Edward Brand, M. A., Miss Nelly Reynolds, M. S., and Miss Lucy S. Fitzhugh, M. A. Prof. W. K. Patterson received the honorary degree of Master of Arts and Maurice Kirby Doctor of Laws. All the graduates then received many congratulations from their friends, and thus closed graduation day, to which all had looked forward with fondest hopes. Thus the curtain of the past dropped its folds between the present and those happy college days.



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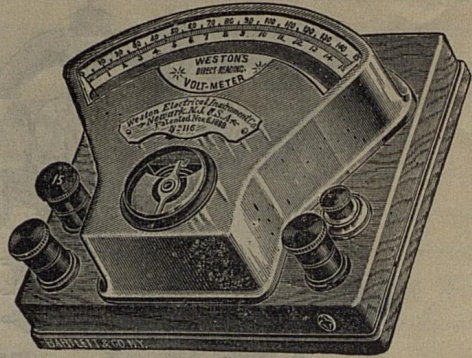
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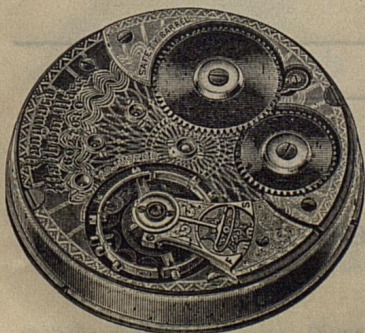
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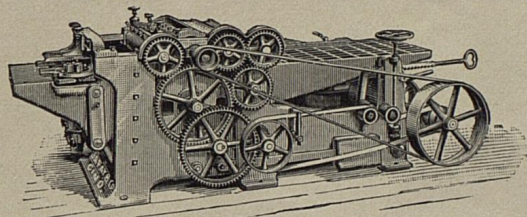
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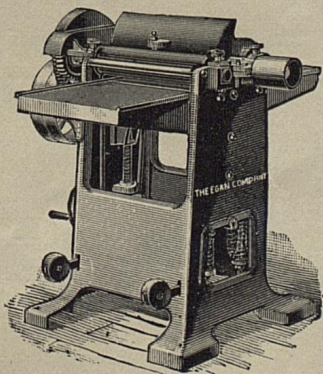
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We furnish the Cadet uniform. Our bid was from 50 cents to \$3 less than all the others. This should be a pointer to students.

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