

# The Technician

Published Weekly by the Students of N. C. State College of Agriculture and Engineering

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## BAPTIST CONVENTION LARGELY ATTENDED

"Make Campus Different" Was Slogan of Convention; More Than 350 Delegates From Three States

With "Make the Campus Different" as their slogan and dealing with the theme "Our College Campuses for Christ," keen interest was shown by the Baptist students attending a conference in Raleigh last week in one of the local churches. Their interest was demonstrated by the fact that the attendance at the seven sessions, each lasting from 2½ to 3½ hours, was practically 100 per cent. The convention was called at 2:30 p. m. Friday and lasted until 4:30 Sunday afternoon. The delegates represented 69 schools and colleges in North and South Carolina and Virginia.

The meetings consisted of talks by leading men of the Southern Baptist Convention and students from different colleges. Quartets from Furman, Winthrop and Buie's Creek Academy sung several times. Three periods were given to discussion of campus life.

On the whole the convention consisted of and was directed toward students of Baptist schools and colleges. However, a good number of State institutions were represented, and what was said and done applied as well to State as to Baptist colleges.

The keynote of the convention was: "Make the Campus Different." From recent investigation and general information denominational colleges as well as State need many changes in order to give students the right kind of development and experience which will contribute good to their future, and the future of the church and State. Every part of the program was

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## 1925 Agromeck Officers Elected

At a recent meeting of the Junior Class the following officers were elected for the 1925 Agromeck: L. L. Hedgepeth, editor; George Wray, business manager, and Donald Matheson, managing editor.

The election of officers was held early in order that the 1925 staff may have the advantage of close observation of this year's book and that they may lay plans whereby a blanket fee for college publications may be secured in the future. A joint committee of The Technician and Agromeck have already mailed out seventy-six questionnaires to colleges of the South relative to their financing system for college publications. If their plans materialize, it will mean an assurance of sound financial support for the Agromeck and Technician, a smaller subscription price for both and at the same time double the circulation.

The student body is exceedingly fortunate in getting these men. They are capable, efficient and willing to work, and we feel sure they will put out an annual that will be a credit to themselves and to the college.

## 1924-5 Basketball Captain And Manager Elected

"Red" Johnson to Lead Team Next Year; A. T. Slate Named Manager; Work of Dr. Crozier, Coach, and Archie Green, Manager, Appreciated.

At a meeting Monday night of the basketball squad Rochelle Johnson was re-elected captain by the monogram men and A. T. Slate was elected manager for next year.

"Red" Johnson is without a doubt one of the best guards in the State or in the South. He was handicapped this season very much, due to a sprained ankle, which was hurt in the Wake Forest game at the beginning of the season. He has been out of the majority of the games since then. All the men on the squad feel that they have selected the right man to lead them next year. The student body as a whole seems well pleased. We know that we have the best captain in the State because "Red" is always there with the "stuff." Many times this year have we seen him guard the best man on the opposing team and come through the game with more points to his credit than his man. "Red," we are all behind you for a successful season next year.

"Sleepy" Slate, who now for a couple

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## P. A. TILLERY SPEAKS ON ENGINEERING EDUCATION

Mr. Tillery in Talk Before S.P.E.E. Gives Observations of Interest to Every Engineer

Mr. P. A. Tillery, vice president and general manager of the Carolina Power & Light Company, speaking at the meeting of the Society for the Promotion of Engineering Education on Thursday night, February 28th, said that the engineers have been proverbially known as poor orators. Since he has been out of teaching for about twenty years, he is uninformed as to the present practices in the colleges, but has personal experience on account of contact with graduates who come to take their Student Engineer's course. It is his opinion that the college graduate requires the theoretical knowledge plus experience in order to make him of use in the industrial world. This is true for civil and mechanical engineering graduates as well as those who graduated in electrical engineering. They have found about the same things hold true in regard to their student engineers, whether they be graduates of M.I.T., Purdue, University of Maine, Pennsylvania State College, Ohio State, or Missouri, Virginia, North Carolina and other Southern

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## Y. M. C. A. EXPANSION PROGRAM OUTLINED

Must Keep Pace With Rapid Development of the College; Recommendations Submitted

The Young Men's Christian Association at N. C. State must be brought up to standard in order to keep pace with the rapid growth that the college is making in every department. The business of the college is to make men, and certainly no student is a man if his moral and religious development has been neglected; therefore, the need for a Y. M. C. A. at State is second to none in the South.

The Secretary of the "Y" was requested by President E. C. Brooks to

(Continued on page 5.)

## MR. H. B. MASK SPEAKS TO AGRICULTURE CLUB

Speech Concise, But Gives Full Developments of Co-operative System

Mr. H. B. Mask, chief of the field service of the Cotton Growers' Co-operative Association, addressed the Ag. Club at its last meeting upon the subject of co-operative marketing. Mr. Mask's address, though somewhat brief, was concise and to the point. He traced the evolution of the system from its origin in Denmark through its periods of doubtful success in America up to the present systems in use throughout the country today, which are as safe, and are based upon the same principles, as other great business corporations. The co-operative systems of today are purely co-operative, and are not controlled with the value of the products contributed by each member as a basis as they were in the old systems of the past. He laid particular stress upon the fact that the co-operative systems were not run by the influential men of the localities where they are organized, nor of the strongest promoters of the movement, but by men who are experts in the part of the business where they serve. He expressed the belief that the Ag. Club was a valuable place of training for anyone who contemplated getting a job with the co-operative system or with any other department in public work.

After Mr. Mask's speech was over, committees were appointed to make preparations for the various phases of the spring social, which will be given soon, probably the latter part of March. This is always a big event for the agricultural students, and as only members of the club are allowed to attend, all Ag. men are urged to join at once.

## SOUTHERN I. R. C. HOLD MEETING AT FURMAN

N. C. State Represented by Messrs. Anderson, Journey, Evans and Morris

The first conference of its kind ever held below the Mason-Dixon line convened at Furman University at Greenville, S. C., for the purpose of organizing a permanent association of colleges of the South to meet annually to discuss international problems and questions. Mr. Bishop, of Furman University, welcomed the gathering to Furman as fellow workers in the task of broadening the international policy of the nation, removing the present policy of narrow, bigoted isolation, saying, "there are in this body the future statesmen of the country, in whose hands has slipped the torch recently fallen from the grasp of Woodrow Wilson."

Professor Daniels, of Furman University, opened his address by welcoming the faculty and students, saying: "It is particularly opportune that a conference of this kind should be held so soon after the death of Woodrow Wilson. I trust that out

(Continued on Page 3)

## "THE SHOW MUST BE PUT ACROSS," SAYS A. S. C. E.

"Plenty of Spirit But No Leadership" H. L. Medford Speaks on N. C. Highway Systems

Mr. H. L. Medford gave the society an interesting talk on "The Development of the Highway System of North Carolina." Mr. Medford covered his subject well and his talk was complete, interesting, and instructive. He was highly commended by all present. Some of the points brought out were: the necessity of having either good roads or social isolation and intellectual stagnation; how and when the good roads campaign was started in North Carolina; the financing and maintenance of the system; what the development of highways has done for the State; and the types of roads that should be built.

Mr. Stevenson, who is one of the society's first members, gave a short talk, in which he told the history of the founding of the Student Branch of the American Society of Civil Engineers.

There is a movement on foot that the engineering students put on an engineering show this year. There is plenty of spirit back of it, but no leadership. If no action is taken this year it is very probable that none will be taken for several years to come. Therefore the society unanimously voted that some definite action be taken, and arrangements were made for a meeting of all the engineering students, at which the matter would be taken up. A show of this kind would mean much to State College and it is to be hoped that we will all take an active part in putting it across.

## The Technician

Published weekly by the students of the North Carolina State College of Agriculture and Engineering.



Member North Carolina Collegiate Press Association.

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## Editorials

It sure does look good to see the baseball and track men on the field once more. The outlook is very promising for both squads and with the practice that they are getting we are looking for great things from these athletic teams.

We have often heard of girls "two-timing" men, but to those who are taking Astronomy a more serious condition confronts them—the professor has been "three-timing" his students—sideral time, solar time, and mean time.

The Student's Forum has been giving some valuable suggestions in the past few weeks and the one this week is worthy of your earnest attention. If you have ideas that you would like to get across, let us help you through THE TECHNICIAN Student Forum.

The "Y" is to be congratulated for the movie program that they have put on this week. The pictures have been good and the attendance of course has been up to standard. We are very much pleased with the type of pictures that have been selected. It is hoped that the program for the future will prove to be as enjoyable.

There has been some talk lately of making an attempt to have the publications on the campus put on a substantial basis by having a blanket fee collected at the time of registration for these publications. The other colleges of the State are doing this thing, and from all reports they are making a great suc-

cess of it. We hope that some system can be worked out here that would enable the publications to more nearly represent the college that they stand for.

How about that Engineer's Show that was commented about a few weeks ago? An Engineer's Show is something that is needed here in order to stimulate added interest in the Engineering School and to let the outside people avail themselves of the opportunity to see what the college is doing along the line of engineering education. We think that every effort should be made to put the show across, and we promise all the help that we can render towards making it the success that it should be.

And Rochelle shall lead them! The basketball team elected their new captain and manager this week, and they showed their usual good judgment when they chose Red Johnson for next year's leader of the team. Johnson has proven himself to be a leader and a good basketball player, and the honor that has been given him is no more than he rightly deserves. Johnson served as captain of the team this year, and it is a signal honor to be elected to the same position twice in succession. The team elected "Sleepy" Slate to manage their affairs next year. "Sleepy" has been on the job as assistant manager for a number of years and has done a great deal of work for the team. The election of Slate for the job comes as no surprise to those that have been acquainted with the work that he has been doing. THE TECHNICIAN wishes these men the best of luck in the positions to which they have been elected.

In selecting the men who will publish the 1925 *Agromock*, we feel that the Junior Class exercised very good judgment in their choice. In Hedgepeth they have a man that will edit the annual as it has never been done before, and we believe that the book he will get out will represent the college and the class in an excellent manner. The big job of financing the book was meted out to George Wray, and in this rising young man from Sumter, South Carolina, they found a wizard of business. We are quite sure that the job of business manager will be well filled. In the task that is before these men, we offer our assistance to them to make the 1925 *Agromock* the best ever. With Matheson as managing editor, the editor and business manager have an excellent coworker. We are looking for great things from this trio.

Letters have recently been sent out by the Alumni Secretary, Mr. Tal Stafford, to students with the idea of organizing a team that can be sent to the various High Schools and public educational meetings throughout the State, to put before the students in the schools and the people of the State the opportunities that are offered at N. C. State College of Agriculture and Engineering. This appears to be the thing that is needed to really get in touch with the men who should attend State College. Printed matter has its appeal, but we all recognize that spoken words are much strong-

er than those in print. We believe that these men that represent the college to the high school students can render a great service by portraying the advantages of our college from the student's standpoint to these men who are considering going to college for the preparation of their life's work. This movement should accomplish wonderful results and we await with interest the outcome of it. THE TECHNICIAN offers its services to those in charge.

### THE NEW "Y" PROGRAM

To keep up with the rapid expansion and reorganization of the college the College Young Men's Christian Association has outlined a program of activities that will be in keeping with the general policy that the college authorities have set forth. The program of the "Y" calls for many changes and improvements, both in the activities of the Association and the building. The program as outlined by the General Secretary, Mr. E. S. King, has been presented to Dr. Brooks for his consideration. In the preparation of the program the best known authorities in Y. M. C. A. work were consulted and their ideas incorporated in the suggestions of the new program. If this outline is put into operation, and no doubt it will be, we will have a Y. M. C. A. that will surpass anything that has ever been done on the campus along this line. The building and the program will therefore benefit more men and the "Y" will render that larger service to the students that it is anxious to do. The staff of the Y. M. C. A. is to be congratulated on the plans that have been submitted and it is the hope of THE TECHNICIAN that they will realize all their ambitions for service to the student body.

### DOWN WITH THE KUKOOS!

Wake up, State College! Men, arouse yourselves and look around you. Look what a dangerous organization we are allowing to creep into our campus life. How many of you who read the account of that bloodthirsty and blood-curdling raid on our much beloved editor by that hooded and robed mob of vicious lawbreakers and revengeful scoundrels, lawless fiends of the lower world on our campus in last week's Technician, did not instinctively feel the thrill of anger course up your spine and hear the effervescence of your blood boiling in utter fury at the very thought that such an outrageous act could have been perpetrated right here on our campus, in our very midst, while we were peacefully sleeping in all confidence in our fellowman? How many of you with real, rich, American red blood in your arteries did not say to yourselves as you crashed your big bony fist on your table, "This thing must stop! This thing must be crushed!! This thing shall stop!!!"

Men, it's time to take action! Now or never! If we allow this mob of hooded desperadoes to repeat their desperate attempt to coerce our sagacious and defiant editor and author all will be lost. They will have the upper hand and our high standards of freedom and democracy will be trampled underfoot and stained with the red mud of many rough-shod feet. I, for one, say, "This shall stop!!" My Old Lady takes a stand by my side. We will not sign our names because some concerted attempt might be made to injure our dignified persons. Not that we are afraid, because we regret that

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we have but one life to give for the cause. We will say this much: Our names begin with Br—, we belong to '25, we room in W— Old South, second floor, head of stairs. Who will rally to our effort to down these slaves of Beelzebub? Br— '25.

### THE COLLEGE CALENDAR

(March 9-15)

#### Sunday

1:30—Friendship Councils meet at the Y. M. C. A.

#### Monday

12:00—TECHNICIAN Staff meets.  
6:30—Bible Study leaders meet.

#### Tuesday

6:30—Ag. Club.  
7:00—Physics Club.  
6:30—A. and M. E., Wm. T. Harding, of Raleigh, speaks.  
4:30, 6:30, and 8:15—Picture Show at "Y."

#### Wednesday

6:30—Bible Study Classes.

#### Thursday

4:30, 6:30, and 8:15—Picture Show at "Y."

#### Friday

6:30—Literary Societies.  
12:00—Y. M. C. A. Cabinet.



First: "This cold weather chills me to the bone."  
Second: "Why don't you get a Finchley cap?"

(Apologies to Centre Colonel)

**THE STUDENTS' FORUM**

A column conducted for your personal opinion. Tell it through "THE TECHNICIAN."

**LET'S HAVE A SENIOR CHEER LEADER FOR BASEBALL**

Fellows, we have a student body of some twelve hundred men, but still we have gone through the football and the basketball season without a Senior cheer leader. Fellows, we have some Senior in this student body who can make us a good cheer leader. Let's find that man and elect him, and during baseball not only keep up the fine peppy spirit that we have, but let's make it even better. We are going to have a good baseball team, and with a good Senior cheer leader along with our two good assistants to keep the fine pep up, we should be able to turn out a championship baseball team.

We have two seniors who were assistant cheer leaders last year; they are Shorty Walton and Bill Wells. Either of these men would make us a good cheer leader.

Now, let's have "P. C." call a meeting of the student body and elect a Senior cheer leader before baseball starts. And let's have some pep meetings to get the good old N. C. State spirit started before we play Carolina.

**THE USE OF PROFANITY ON THE CAMPUS**

In a recent issue of The Technician I noticed an article on smoking in the

Y. M. C. A. and especially when ladies were present. The thought is fine, but I think we might add to that a very gentle thought as to what our language shall be at the same time. This, I think, should apply to every student any where on the campus, but in the "Y" especially. Now, since we have picture shows several times a week, quite a few women and children have been attending them. It is no uncommon thing to be around on the campus near the "Y" and hear profanity that is bound to be heard by those going to and from the shows.

No one here at State College, I'm sure, means to be disrespectful or discourteous to any visitor. Yet there is no doubt that our language affects our friends either good or bad. We're all proud of the great movement for a greater State College. I'm sure we all wish "The Bat" (the new non-fraternal organization on the campus) God-speed in the efforts to make the moral and social atmosphere a better place to live in. At the same time, fellows, let's do our part by using choice language at all times and everywhere.

J. P. S., 26.

**Southern I. R. C. Hold Meeting at Furman**

(Continued from Page 1)

of the conference will come the great resolve that, in years to come, will bring to pass the ideal for which Wilson gave his life." Professor Gosnell said, "Woodrow Wilson recently laid aside the torch of civilization, and it is up to us to take up this torch and realize his vision of universal peace and a great brotherhood of man. We will have to do away with

sectional prejudice before we can hope to see a world free from prejudice. America, after the World War, was guilty of non-co-operation and of the failure to take its part in the activities of the world, guilty of failure to fulfill its responsibilities."

The delegation from N. C. State College that attended the conference were: Prof. Anderson and Prof. Journey, of the Department of Business Administration; T. O. Evans, from the Agricultural Department, and W. S. Morris, of the Engineering School. The group left Raleigh Thursday and returned Sunday afternoon. Mr. T. O. Evans was appointed chairman of the nominating committee of the conference. N. C. State had a part in the meetings and our representatives were given opportunities to express themselves on several occasions.

There were twenty-two colleges and universities of the South represented; delegates coming from five states to the conference to discuss the problems of International Relationships. It is hoped that the work of the conference will be taken up on the campuses of the institutions represented.

Of all the words of tongue or pen That ever came to college men, The best of these—I know, by heck, "Dear Son, enclosed please find a check."

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**Mr. King Recipient New Honor**

By the unanimous vote of the board of directors of the Y. M. C. A. at its last meeting, held in the conference room of the "Y" Thursday evening, the degree of G. E. was bestowed upon Rev. Edward S. King, our beloved general secretary. It came spontaneously at the suggestion of our old friend, Col. Fred A. Olds, upon the conclusion of the reading of Mr. King's suggested plans for future development of our Y. M. C. A. Col. Olds stated that he thought the report was "a good paper" and deserving of a college degree. He suggested that the degree of G. E. ("Good Egg") be conferred upon our already much honored Rev. King. The vote of the board was unanimous.

**Baptist Convention Largely Attended**

(Continued from page 1.)

arranged and prepared to show what changes, if they were brought about, would make the campus different in the right direction.

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Dr. Charles E. Maddry, in the beginning, spoke on developing the latent powers of Southern Baptist students. Dr. J. A. Ellis presented challenging facts as to students' standards of action and showed that students had no license to adopt one standard of right and wrong while the balance of the world used another. Other speakers brought the need of consecration and communion with God and the need of magnifying the church on or adjoining the campus. The need of organization was outlined by Mr. R. M. Warren, which was followed by a discussion of a type and plan of organization which the denomination could use through the Interboard Commission for reaching the Baptist students in demonational institutions. The constitution adopted calls for one head or director of all Baptist interests on the campus, with an organization consisting of students and local people representing the various organizations through which students find expression, experience and development.

Dr. W. J. McGlothlin, President Furman University, showed very plainly the need of a balance with respect to the threefold development of life. He brought out the fact that just as the body could not consist of only one organ, so our life could not consist of only one realm. We should not go the extreme either in physical, mental or spiritual development, and if we take the attitude and teachings of Christ and let it be the dominating power we shall not become enslaved to the physical or mental world, but use both for the greater appreciation of life as a whole.

One of the most attractive speeches

came from Dr. Harry Clark, of Nashville, Tenn. He spoke on the Bible as the best seller, giving figures to prove that the Bible was printed in more languages and more copies sold than any other book. He also pointed out the fact that those writings and works of art which had used some Bible theme had become the most beloved and in the long run the best sellers.

On Sunday morning the Sunday School and Church Auditorium was crowded for standing room and on Sunday afternoon the church auditorium was full for the closing service, which was ended by a rather short

but impressive and forceful talk by Dr. Clark, exhorting the delegates to use whatever backbone, conviction, manhood and pride they might have for making student life on the campus worthy of the support of the denomination or State, as the case might be, and conducive to a high standard of personal and social conduct.

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Big Lot of Short Brim College Shape Caps  
Just Arrived

**Y. M. C. A. Expansion Program Outlined**

(Continued from page 1.)

draw up plans for the future development and expansion of the work of the Young Men's Christian Association. After making a study of what is being done in other colleges and getting the counsel and advice of those who are authorities on what an Association should be and do, these plans have been drawn up. They have been approved by the Board of Directors and are now in the hands of Dr. Brooks.

The recommendations deal with four main points: building, program, employed staff, and finance. It is suggested that the building be put in first class condition, that the present program be improved and other departments added, that at least two men be added to the staff, and suggested that some additional financial help from the college would be welcome.

The recommendations as to program are as follows:

We recommend that the following departments of the work now in operation be continued but carried on in a most efficient manner.

1. The Building—Home and club house to every State College man. Service office, reading room, game room, Edison, dining room, parlor, committee rooms, bowling alleys, showers, pool, handball court, free and long distance telephones, telegraph office, rooms for student publications, student government, and literary societies, auditorium for student and faculty meetings, guest room.

2. New Student Department—Receiving new students, train committee, assistance in registration and locating rooms, college night program.

3. Self-Help Bureau—Securing employment for several hundred students who are working their way through college.

4. Information Bureau.—The "Y" office is general information bureau to visitors and students. Telegrams for students are received and sent.

5. Speakers Bureau.—Bringing to the campus world figures to speak on social and religious topics.

6. Evangelism.—Efforts to bring students to Christ's standard of living. Special meetings to this end. Personal evangelism.

7. Bible Study.—Voluntary groups meeting in the dormitories, led by students who are coached by an expert.

8. Moving Pictures.—Giving students good, clean shows once or twice a week at the nominal charge of ten cents.

9. Hospital.—Providing the daily papers and magazines for those in the hospitals, visitation of the sick.

10. Publications and Literature.—Publish the Freshman Handbook, circulation of good books and worth-while literature.

11. Blue Ridge and Other Conferen-

ces.—Sending delegations to the Southern Student Conference at Blue Ridge, N. C. State should send fifty men this year. Sending delegates to International Convention, Student Volunteer Convention, and State Conventions.

12. Missionary.—Addresses by distinguished men on the foreign missionary enterprise. Giving to European Student Relief and to the foreign work of the Y. M. C. A. Missionary lessons in the Bible study groups.

13. Friendship Council.—A group of seventy picked men who have accepted the Christian standards for themselves and who try to make them prevail on the campus. The group responsible for enlisting the student body in the "Y" program.

14. Freshman Friendship Council.—A group of forty picked men, which is enlarged as fast as others can be found who will accept the standards of the group and do the work required. The purpose of this group is "to create, maintain, and extend throughout the college high standards of Christian character." Through this organization it is hoped that the "Y" program can be carried to every Freshman.

We recommend that the following departments of work be added to those already in operation:

1. Morning Watch.—Groups of students meeting together after breakfast for devotional Bible study and prayer.

2. Religious Meetings.—The schedules of students have been so crowded that the Christian leaders have felt that when they have given forty-five minutes for Bible study leaders' meeting, forty-five minutes to leading their group, and one hour a week to Friendship Council meeting that this is all the time they can spare. However, there is need for a religious meeting some time during the week, at which time some outstanding speaker should address the students.

3. Deputation Work.—Teams of picked students visiting high schools of the State with three days moral and religious program, music, etc.

4. Junior to Freshman Letters—Ur-

der assignment, Juniors to write each Freshman a letter of welcome before he leaves home in the fall.

5. Church Relations Committee.—Helping students get in touch with their church, and the church with students, promoting church attendance.

6. Extension Work.—Students assisting with rural Sunday Schools, etc.

7. Boys' Work.—Students operating Scout troops and "High Y" Clubs.

8. Negro Work and Interracial Study.—Janitors' Club, special speakers, discussion courses.

The recommendations as to employed staff call for the addition of at least one Associate Secretary, who would give special attention to self-help and assist in promoting the twenty departments of the program, and for a religious work secretary, who would be equal to any head of a department in ability and training. He would give voluntary courses in religious education, the fundamentals of the Christian faith, and courses in the Old and New Testaments.

**Suggestions by Students Welcomed**

Every State College man is a member of the Association and should be interested in its growth and development. Any man who has a suggestion as to how the organization, equipment, or program can be improved is urged to make it known to one of the officers or the secretary. Also any man who has any criticism of what the Association is doing or leaving undone is

urged to come to the office and make it or make it to one of the officers. The Board of Directors, the officers and the Secretary realize that they are all Episcopalians in the sense that "we have done those things which we ought not to have done and we have left undone those things which we ought to have done." The Y. M. C. A. is primarily an organization of students and for students, and the ideal Association is one in which every student takes part in the program and votes in the elections. Nobody believes the "Y" is what it ought to be or that it is doing all it ought to do. What is needed now is the co-operation of every student and member of the faculty to put the "Y" abreast with the other departments of the college and to make it the standard in equipment and program for a technical school.

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## Alumni Notes

### Observations and Communications of Zippy Mack

Springtime is here again, but it will be just our luck for it to be swallowed up in the icy winds of some wintry day before we can tune up our cobweb covered iambic tetrameter and trochaic hexameter machines. "In the spring a young man's fancy—"

Mr. G. H. Bennett, of the Electrical Class of '22, was on the campus Wednesday. Bennett is now in the employ of the Durham Public Service Co.

Among the visiting alumni who were here at the time of the installation of the local chapter of the Lambda Chi fraternity were T. W. Alexander and C. E. Bailes, of the class of '22, both of whom are now with the Cannon Mills at Kannapolis, and W. M. Corkill, last year's track captain, who is now with the Highway Commission.

Mr. D. F. Duncan, of the Mechanical Class of '23, was on the campus a few days last week-end. He is now with the Portsmouth Cotton Oil and Refining Company, Portsmouth, Va.

Mr. J. M. ("Tick") Brown, who was in college with the Electrical Class of '23, was in town during the week-end. After leaving college, "Tick" went to the Bliss Electrical School in Washington. He is now with the Tallassee Power Company, at Badin Falls.

Mr. J. F. ("Jule") Baum, of the Chemical Class of '23, has accepted the responsible position of chief chemist of the Virginia State Highway Commission, at Richmond. He carries our every good wish in his new field.

Mr. D. B. Worth, of the Mechanical Class of '20, was on the campus at the A. S. M. E. banquet Tuesday night.

Mr. Worth is now chief engineer of the Sanford Railway Motor Car Company, of Sanford, N. C.

Mr. D. R. ("Zero") Wright, of the Electrical Class of '22, has resigned his position with the Phoenix Utility Company and has accepted a position in the engineering department of the Carolina Power and Light Company, at Raleigh.

Mr. W. F. ("Midget") Shipman, who finished amid such a storm of applause with the Textile Class of '23, has been selected by Major General Shanks for a course in the Camp Mead Tank School. The News and Observer has the following to say:

"Lieutenant William F. Shipman, 321st Infantry O. R. C., has gone to Camp Meade, Maryland, to pursue a course in the tank school, where he will remain in active service for some time. He was selected for this service by Major General Shanks on the recommendation of Major Lopez (executive officer of the 321st Infantry) and represents the 81st division, composed of more than a thousand officers in North Carolina and Tennessee.

"Lieutenant Shipman is the eldest son of Commissioner M. L. Shipman and Mrs. Shipman, and a graduate of the North Carolina State College of Agriculture and Engineering. He has shown much interest in military af-

fairs, having served, since January, 1918, in officers' training camps at Camp Jackson, Camp McClellan, and two years at Camp Glenn with the North Carolina National Guard."

Cohen—Abie, what for you go up them stairs two at a time?

Abie—To save my shoes, father.  
Cohen—Dot's right, my son; but look out you don't split your pants.

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**BEAUTY CONTEST RESULTS**

(Total to March 4, 1924)

**For Most Beautiful Raleigh Girl**

Miss Emily Jones .....	2,500
Miss Ruby Sadler .....	2,220
Miss Mary Thacker .....	330
Miss Margaret Workman .....	250
Miss Charlotte Nelson .....	220
Miss Winnie Rickett .....	210
Miss Lula Wynne .....	70
Miss Patsy Batts .....	65
Miss T. K. Messick .....	40
Miss Sallie Peele .....	50
Miss Pauline Johnson .....	30
Miss Blanche Bonner .....	25
Miss Evelyn Tyson .....	20

**For Most Handsome State College Student**

C. E. Vick .....	1,865
S. C. Hodges .....	1,230
J. R. Moffitt .....	890
G. D. Humphrey .....	320
M. W. McCulloh .....	290
C. D. Killian .....	250
Frank Love .....	230
Bull Harper .....	225
P. C. Beatty .....	220
Goat Hooks .....	160
J. N. Wall .....	145
F. F. Clarke .....	100
J. C. Richert .....	95
F. S. Trantham .....	70

**Contest Editor Threatened**

The Beauty Contest editor was greatly worried and disturbed Tuesday night when to his surprise in opening the ballot box in the Y. M. C. A. lobby he found that it contained several rifle cartridges in addition to that day's receipt of ballots.

In the early days of Jamestown, Captain John Smith was similarly threatened by Indians who sent him a present of a half dozen arrows tied in a rattlesnake skin as a reminder as to who were the real owners of the country. Captain Smith filled the snake skin with buckshot and returned it to the Indians, who took the hint and moved their wigwams to another locality.

Smith's circumstances were more favorable than ours because we do not know whence came these implements of hate. We would have liked the benefactor to have left his card so that we could have given him a few hundred complimentary votes in the contest.

**P. A. Tillery Speaks on Engineering Education**

(Continued from page 1.)

schools. Some colleges seem, however, to turn out students better trained theoretically and others students better trained practically. Mr. Tillery's criticisms, in order to be helpful and a benefit to the teachers so that they may turn out men of more commercial value should be taken in their constructive meaning. Personally, after graduating from V. P. I., he went to the General Elec-

tric Company and found that he, himself, did not know what it was all about.

Mr. Tillery spoke of four things in regard to education: First, that education should be thorough in the fundamentals; second, that education should cover the higher branches of engineering; third, that education should include the applied sciences; fourth, that education should include subjects along commercial lines.

By fundamentals he meant English, mathematics and physics. He had found that young men were unable to make calculations because of practical differences in their application, also on account of the lack of proper grounding in the fundamentals, especially algebra.

Also, he said he found that there was a lack of thorough grounding in the fundamental engineering subjects which had been taken in the last two years at college. "What we need in the engineer, especially, is the proper grounding in fundamentals." Mr. Tillery stated that he had no particular remedy to suggest. Speaking of the elective system, he said that it was hard to see that the student is properly grounded by this method of choosing courses. He stated that we, no doubt, were trying to cover in four years' time what should take five years to cover.

Speaking of poor mathematics and the engineering courses, he stated that he found that he had very little use for calculus. That ordinarily there were no higher calculations to be made by the average engineer. He thought that trigonometry, algebra, plane and solid geometry ought to be known thoroughly. He thought that the predominating thing ought to be the lower elements.

In regard to the applied sciences, he thought that the colleges had been teaching too much pure and too little applied science. He thought that the most satisfactory type of text books are the correspondence

school text books. Although he would not necessarily recommend them for the student, he did think that the instructors, especially, should read all the correspondence school books so as to get the practical viewpoint and the problems presented. As an example, after graduating from college he took a correspondence course in municipal engineering, and found it entirely different from his college text book, which seemed to be purely theoretical.

He said that he thought the instructor should use practical examples from the industrial world and apply them to his teaching. He thought that the student should also get practical work in the field. By this he meant that the student should be taken to a real job and made to do the work and make his own notes, rather than be given merely a campus problem. He cited as an example that it had taken himself and other students a week to lay out a base line to very accurate measurements while they were in college, and that this method of working was almost

never used in actual work. Perhaps, he said, such extremely accurate measurements might be required for laying out a tunnel under the Hudson River or something of that sort. He would like to emphasize the fact, therefore, that education in such refinements was of little practical value when more practical work would do the student more good.

One of the student engineers told him that he thought that his practical work at college had been excellent, but that there were too many lectures in his curriculum, so that there was not enough personal contact or personal instruction between the students and the instructors.

He mentioned that many methods

(Continued on page 8.)

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GOOD FOR

**10 VOTES 10**

(Name) Mr. ....

Address.....

For Most Handsome State College Student

**The Technician**

BEAUTY CONTEST

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**10 VOTES 10**

(Name) Miss.....

Address.....

For Most Beautiful Raleigh Girl

## PERSONAL AND SOCIAL COLUMN

Joe W. JOHNSON, Editor

All social or personal news deposited in The Technician News Box will be appreciated by the editor.

Joe Harris and Slim Moore spent a few days last week visiting their fraternity brothers of the Alpha Gamma Rho Fraternity.

L. S. Pridgen spent the week-end with friends in Dunn, N. C.

Ted Causey gave his Bible Study Class a feed last Wednesday evening. All the fellows enjoyed the occasion very much, and the talk by Dr. Cloyd was exceptionally good.

Warren Davis, student of Wake Forest College and member of the Glee Club, visited A. B. Council and Joe W. Johnson last week.

J. F. Bullock spent a few days last week visiting friends near Hester, N. C.

Red Beam, a very active member of THE TECHNICIAN staff, spent the past week-end in Henderson, N. C., on business.

We are certainly glad to see Prof. Wilson meeting his classes again, and hope that his injuries will not give him any further trouble.

### 1924-25 Basketball Captain and Manager Elected

(Continued from page 1.)

of years has certainly put out a great deal of work, has been rewarded by being elected manager. "Sleepy" well deserves the honor of basketball manager, as he always has been on hand at practice, always willing to help any member of the squad in anything in his power. The members of the squad feel sure that "Sleepy" will wake up now and take notice (and that he will) and also take care of the squad next year.

After the captain and manager had been elected Doctor Crozier spoke a few words to the squad encouraging them for next year. He told them he would not be with them next year, which all regretted to hear. The student body knows that Doctor Crozier put out the best team possible, but due to Johnson's injured ankle it was not as successful as could be hoped, but we all feel indebted to Dr. Crozier and we feel sure that next year his work will bear fruit.

As a member of the squad I want to take this space to thank Archie Green for the splendid service he gave us this year. Although at times it looked as though we did not appreciate his trouble and work, still we are all grateful to him for what he has done for us. Also we want to thank those assistants who did Archie's work. They are: Bill Sherin, Joe Johnson, L. Pickleseimer, J. P. Hughes, and G. H. Smith.

Those making their monograms this year were: Beatty, Correll, McGowan, Dickens, and Wallis. Stars were awarded to Johnson, Wray, Duls, and Long.

### P. A. Tillery Speaks on Engineering Education

(Continued from page 7.)

of giving the student practical experience had been tried out, for example, the co-operative plan. However, he thought that the cooperative plan was not practical in North Carolina on account of the small amount of manufacturing. The environment is not yet right in this State for the cooperative plan. However, he did

think that summer work was a great help for students. He also thought that the young instructor should get practical summer work. He had called in his chief engineer and asked him what was the trouble with the student engineers, and the chief engineer said that the trouble was "to teach the student engineers how to work." It took some months to make them appreciate that they had to work and get them enthusiastic about their work so that they would go ahead on their own account. The student engineer seems to lack inspiration and Mr. Tillery suggested that one of the best things we could do would be to show them the big things that had been done in engineering. Particularly, to take the student to see large manufacturing plants, big bridges, huge turbines, etc., so as to give him a background and to inspire him to work.

In regard to commercial training, he said, that the engineers were proverbially poor speakers and lacked business instinct. He suggested that all students be given a course in business administration, and stated that at least 50 per cent of the

applications for positions in his company were turned down on the face of the letter as sent in by the applicant as they did not know how to write a satisfactory letter. The letter of application is the first contact that a company receives, and if the impression made by this letter is poor, the applicant has little chance of receiving consideration.

Mr. Tillery stated that the business of the Carolina Power and Light Company is largely commercial, and, therefore, they require to a certain extent that a student should have had some commercial training.

Later, in answering questions from the floor, Mr. Tillery said in regard to summer work that specific training along the line the student was intending to pursue was not necessary, but that any work is good. The main idea was to get the student familiar with industrial conditions so that he would know how to work.

With the idea of starting a discussion of engineering research, particularly as to the part it is destined to play in engineering education, let me ask your earnest consideration.



MICHAEL FARADAY  
1791-1867

Apprentice to an English book-binder. Attracted the attention of Sir Humphrey Davy, becoming his assistant. "The greatest experimentalist of all times," says one biographer. The electrical unit Farad was named for him.



In 1880 the Edison Electric Illuminating Company, of New York City, installed a generator of 1200 lamps capacity, then considered a giant. By continuous experimentation and research the General Electric Company has developed generators 900 times as powerful as this wonder of forty years ago.

## "What's the use of it?"

Michael Faraday saw the real beginning of the age of electricity nearly a century ago when he thrust a bar magnet into a coil of wire connected with a galvanometer and made the needle swing.

Gladstone, watching Faraday at work in his laboratory, asked, "What's the use of it?" The experimenter jestingly replied, "There is every probability that you will soon be able to tax it." The world-wide use of electricity that has followed the Faraday discovery abundantly justifies the retort to Gladstone.

Faraday's theory of lines of force is constantly applied in the Research Laboratories of the General Electric Company in devising new electrical apparatus of which Faraday never dreamed. Every generator and motor is an elaboration of the simple instruments with which he first discovered and explained induction.

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