

# TECH NEWS

WORCESTER POLYTECHNIC INSTITUTE

Worcester,  
Mass.,  
Tuesday,  
Feb. 17, 1953

## NEW PROJECT ANNOUNCED AT I.H.E.E. MEETING

**Progress Curtailed by  
Incompetence Within  
National Administration**

It had been suspected for some time now. Certain people were sure it had been developed; others were quite sure that it at least was well on its way to development. Last Wednesday night, under the formality of the IHEE seminar, it was finally announced. Now it can be told.

Following up the brilliance of the extensive work done on A-C Battery by Prof. J. E. Mulligan, it was revealed that Prof. O. W. Kennedy, Jr., working secretly save for the knowledge of the project by loyal IHEE brothers, had completely solved the theory and had actually constructed the only D-C Transformer in existence today. Joy reigned supreme, as the results of the years of toil had finally reached fruition. This joy was short-lived however, as Prof. Kennedy further reported that despite the completion of this spectacular and world-shocking project society would be without its benefits for some time yet. It appears that the complete report which had been sent to Congress for approval had been lost in the Library of Congress and could not be found. When last seen, it was somewhere between "Ancient Funereal Rites of the Ubangi Race" and "Rock Formations of the Lower Malay Peninsula." A telegram sent from Independence, Missouri, regarding the matter expressed great shock over the negligence and incompetence of the present administration and closed with the four words, "I told you so". With no other alternative the members of the group are holding tight and keeping spirits high with the hope that speedy action will be taken on the recovery of the transcript.

Reporters were barred from the meeting. However, when button-holed by them afterwards, Prof. Kennedy, refusing further comment, summed it all up with one word, "McCarthyism!" Reporters quickly surmised possible subversive forces at work.

Further important matters were discussed, included in which were plans for a most exciting spectacle to be presented with another group at the half time of the Clark game of next Friday evening. Secrecy is the byword concerning the program and at present a most efficient committee is busily preparing a plan of attack for the evening.

In order to keep good relations between IHEE and the Athletic Department it is requested that all remain after the half-time entertainment for there will follow the rest of the game although this might be anti-climatic.

## Draft Exam On April 23

**Applications Available  
To Students and Early  
Mailing Is Advised**

An important announcement concerning the filing of applications for the Selective Service College Qualification Test has been released recently by the Selective Service Commission.

Testing will take place April 23. All eligible students who intend to take the qualification test in 1953 should file applications at once for the April 23 administration.

An application and a bulletin of information may be obtained at any Selective Service local board. Following instructions in the bulletin, the student should fill out his application immediately and mail it in the special envelope provided. *Applications must be postmarked no later than midnight, March 9, 1953.* Early filing will be greatly to the student's advantage.

Results will be reported to the student's Selective Service local board of jurisdiction for use in considering his deferment as a student, according to Educational Testing Service, which prepared and administers the College Qualification Test.

If you are in doubt as to whether you should take the Qualification Test or not you should consult immediately with your local draft board and your school authorities.

## PEDDLER HOLDS ASSEMBLY TO BOOST YRBOOK

The usual display of fun and laughter will accompany the annual *Peddler* assembly to be held tomorrow. Every year the staff of the *Peddler* takes over an assembly period with the aim of convincing the student body that the yearbook will be worthy of everyone's support. The members of the staff will put on a humorous skit this year, and although they refuse to let out much information on the affair, it has leaked out that Prof. Happy Hollows will be in on the festivities.

At last year's assembly the skit was concerned with an old worn out *Peddler* that just couldn't sell itself. This *Peddler* then hit upon the idea that his infant son could follow in his footsteps. Thus the new and much better *Peddler* came into being. At present, *Peddler* editor Dick Samolis and his staff are in deep concentration. Who knows what they are cooking up? If the assemblies of previous years are any indication, this is one affair that no one can afford to miss. Remember, there is an admission fee. You just have to buy a *Peddler*.

# OVER 200 COMPANIES TO INTERVIEW SENIORS

## MS Department Review Board Announced

**92 Percent of Eligible  
Students Have Applied  
For Advanced Course**

The Military Science Department is pleased to announce that at the present time, ninety-two per cent of the eligible students have applied for the Senior Division of the Reserve Officer's Training Corps. The Department is very pleased with these results, because it was thought, before the applications were issued, that only sixty per cent of the eligible students would apply. A committee appointed by Dean Roys and consisting of Col. Harris as chairman, Dean Howe, and Lt. Edwards as reporter, will review all applications, and it is hoped that a list of those men chosen to enter the Advanced Course can be compiled and posted by the end of March.

It was emphasized that the Draft Deferment Agreement that will be signed is in no way binding to the student, but will however defer him from the draft during the remainder of his schooling at Tech. If the student should in any way fail to complete the Advanced Course of R.O.T.C., or if, per chance, he should leave school, the agreement is immediately nullified, and the student is under no obligation. It was also emphasized that if any man, not already enrolled in the R.O.T.C., receives his pre-induction papers, the Military Science Dept. can do nothing to aid him in obtaining a deferment from the draft. At the present time, no limit has been placed on the number of men that may be chosen, and students are requested to present their applications to the M.S. Dept. before February 15 if they wish to be recognized by the reviewing committee.

Word was received by the Military Science Dept. that Bob Nuttall, last year's Company Commander, has been assigned to the White Plains Proving Grounds of atomic research in guided missiles. Mr. Nuttall had just previously completed a six months course at Fort Monmouth, N. J. Also, Donald McNamara and James Carroll will be the only two men representing Tech at the Summer Camp at Fort Monmouth.

## TECH NEWS ELECTIONS

During a brief meeting in Boynton Hall on January 23rd David A. Lamarre of Spofford, New Hampshire, was elected editor-in-chief of the TECH NEWS. Lamarre is taking Physics, and he is also captain of the tennis team. Others elected to editorial posts were Roger R. Osell of 29 Ascadilla road, managing editor; Robert C. LaBonte of 1 Park Avenue place, feature editor; Allan J. Costantin of Clifton, N. J., news editor; John F. Malloy of 4 Irene street, sports editor; Lee W. Cati-neau of 2 Bay Edge drive, assistant sports editor; William H. Hills of Meriden, Conn., secretary; Joseph J. Frattino of Endicott, N. Y., advertising manager; Robert W. Meyer of Rockville Center, N. Y., circulation manager; Walter M. Steward of Yonkers, N. Y., business manager; Martin J. Burden of Trenton, N. J., Robert F. Niro of Milford, Robert H. Pearce of Belmont, and Robert A. Junior of Natick, assistant business managers.

## ASCE Elects Officers

A recent meeting of the ASCE held on Feb. 10, 1953, started off with a movie entitled *Mississippi Valley Flood Control*. The film, brought in through the courtesy of Dave Van Covern, describes by means of a "bird's eye view", the work carried out by army engineers over a period of years directly after the great Mississippi Flood of 1927. Their work demonstrates how the powerful forces of the then uncontrollable body of water were put to good use. Industry is now flourishing on her banks while the importance of her navigability is fully realized.

After the film, which proved interesting to all those attending, the main business of the meeting, the election of officers for the new year, was held. The following were elected to office: President, Ed Power; Vice-President, Roger Wildt; Secretary, Fran Saucier; Treasurer, Bob Shultz; Convention Delegate, Hugh Tufts, Convention Delegate Alternate, Doug MacLaren.

Additional business brought up was discussion on plans for a social function in the near future. These plans include an invitation to all others in the school who might wish to attend.

## Starting Salary Offers Between \$3,400 and \$5,000

Of prime importance to all prospective engineers are the questions, "What are my opportunities of obtaining a position in industry after graduation? What salary may I hope to receive? Will I be drafted?" The answers to these questions are bright, since the demand for engineers and technicians continues on an ever increasing trend. This year over two hundred industries are contacting the Public Relations Office to make arrangements for interviews with seniors to be graduated in June. It is interesting to note that the Public Relations Office has a list of over twelve hundred industries and organizations with which it has done business in the past.

The salary offers range from \$3400 to \$5000 for the first year, the average offer this year being much like last year of approximately \$325 which is close to \$4000 a year. The highest wages are being paid by war contract industries and overseas oil companies. Interviews started last October and will continue on into the middle of May. It is anticipated that by that time all seniors will be placed in industry.

The great demand for engineering graduates will continue for approximately the next ten years, as it has for the past ten years even on a peacetime basis. The total number of graduates in all engineering colleges will continue to fall off for the next few years. In 1952 twenty-six thousand engineers were graduated from engineering colleges in the United States. In 1953 there will be only twenty thousand engineering graduates, and 1954 expects to see this number decrease to only seventeen thousand. The people born in the depression years have now reached college age. The low birth rate at this time has decreased present college enrollments and caused a slump in the number of available engineers.

The private endowed engineering schools are suffering the most from decreasing freshman enrollments. It seems that many boys of high school age with engineering ability are taking jobs in industry as draft men, apprentice machinists and a variety of other semi-skilled trades. To some, the temptation to earn fifty to a hundred dollars a week is greater than the desire for a college education. Others are enlisting in the armed forces immediately after graduation from high school and plan to attend college later on the G.I. Bill.

See INTERVIEW SENIORS—Page 4



# TECH NEWS

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## THIS IS YOUR TECH NEWS

We repeat: this is your TECH NEWS. The new staff wants to hear from everyone interested in this paper—we want constructive criticism and suggestions from all quarters; students, faculty members, fraternity men, non-fraternity men, and anyone else who is interested, regardless of whether or not they are connected with the school.

However, we want more than people with ideas. We want to see people who will carry out the better ideas. In short, we want competes for this paper, which we feel to be one of the most worthwhile activities on campus. Anyone who feels that he can write see Al Costantin. Or, if you are interested in the business side of your school newspaper, contact Walt Stewart. Your chances of advancing in this activity depend *only* on your initiative.

At this moment we are trying—slowly, of course, because we are new at this—to incorporate a few new features into this staid newspaper. First of all, we would like to see more letters to the editor. These letters certainly bring out controversial points of campus opinion; you have seen a few of these letters bring out the pros and cons of campus opinion; you have also seen them offering helpful suggestions. We want to make letters to the editor a regular feature. Won't you help us?

We are also attempting to make a regular feature of the column which this week is called "Potpourri". Perhaps that is not the best name for the column, but it is the best we have right now. Suggestions as to name and contents of this column are welcomed. Just leave a slip with the pertinent information in the TECH NEWS box in Boynton Hall.

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## AROUND THE GREEK CIRCUIT

By SPUD SPADONI

### Phi Gamma Delta

The Fijis extend best wishes to the new editorial staff of the TECH NEWS and hope that all deadlines will be met by grade A by-lines. Speaking of deadlines, Paul (Smith girls only) Alasso has formally announced his cessation of all further correspondence with high school girls, lady-wrestlers, and charwomen.

Current rage at the lodge is skiing. A few of the more rabid adherents spent mid-term vacation in Canada, gliding down snowy declivities on waxen runners. Though even such doings couldn't dispel the horrific memories of finals, great time was made by all. Since even non-skiers Dalbie Popp and Tom Weber went along, there must be more to skiing than just slaloming, wee?

Meatball Adams, alumnus emeritus, after serving as guide to the Canadian expedition, hit the house for the weekend. Same old Ball, sans women. Chris Martin spends more time at Tufts than at Whoopee (the Medford school offers a more varied curriculum). To the pledges and quoting Willie Shakespeare, "Beware the Ides of March."

### Theta Kappa Phi

The new term has arrived and to start it off in grand style the brothers held a semiformal weekend. On Friday evening supper was served at the Towncrest club, after which there was dancing until early morning. On Saturday some of the brothers were forced to attend classes while their dates slept on through the morning. Following dinner at the house, everyone went out to the Svea Gille for a gala cocktail party. Entertainment was provided in the form of scintillating music by that hot combo of Torrid Lips Lovell, Keyboard Samolis and Crazy Fingers Crook. Mike Shebek also assisted in the usual fashion by blowing his own horn. That evening after attending the school basketball game the brothers and their dates enjoyed a sparkling party at the house, arranged by Bob Labonte, social chairman. The chaperones for the weekend were Jack and Betty Quinn and Paul and Mary Feeney. No expense was spared to make the weekend a bright one. The piano room sported new wall paper, thanks to John Lovell; its ceiling had a bright new coat of white, thanks to Tom O'Connor; and the whole city was deco-

rated in white, thanks to Mr. Weatherman.

The brothers are all proud of the house bowling team, which has continued this season undefeated as last year.

### Alpha Tau Omega

Last Wednesday, ATO held election of new officers. The results show Bob Sovo as the new President-elect. Others chosen were Dick Byrnes, Vice-President; Norm Bruce, Recording Secretary; Owen Allen, Corresponding Secretary; Greg Arvantly, Usher; Bill Taylor, Sentinel; and Dave Dayton, Comp-troller.

The previous election of Ed Nesman, Treasurer; Win Baker, House Manager, and John Welsh, Steward, was confirmed.

In line with a policy started last year through the I.F. Council, ATO extends a cordial invitation to all Tech men and their dates to attend an open house party this Friday evening following the Clark game. A surprise and a swell time are guaranteed for all who attend. Added attraction—A secret door prize will be awarded (Hank Burger's car, but don't tell him).

## POTPOURRI

By BOB LABONTE

With the state of world affairs as generally confused as they are now, some students are worrying about the draft. Some actually wonder whether or not they have the right to be deferred. In all, no college student need stay awake nights because he is lying in a bed and not a foxhole. Arrangements have been made to ease your guilty conscience after graduation.

\*\*\*\*\*

Low on cigarette money? Win a carton of Chesterfields just by guessing the score of the Tech-Clark game this Friday. Place your guess on the back of an empty Chesterfield wrapper and deposit it in the box provided in Boynton Hall by Friday, 4:00 P.M. Presentation of the prize will be at next Wednesday's assembly.

\*\*\*\*\*

Old problem, new approach—A college fraternity in Alabama was shut down by school authorities when it was learned that the house mother was 19 years old.

\*\*\*\*\*

"Kit" Carson says—"The way people quote the law of supply and demand, Moses should have brought it down from the mountain."

\*\*\*\*\*

Ever hear of TNE? The letters stand for Tau Nu Epsilon, a group of students organized for the purpose of creating as much havoc on campus as possible. Although not present at Tech, they have sprung up at many Universities such as the Univ. of Kansas; where, in order to gain free publicity, they burned their initials on the football field before a game which was viewed by 20 million T.V. football fans. Nice guys.

\*\*\*\*\*

A recent article in *Collier's* magazine called "Campus Cues for Clothing" has got most college students

## SIGMA XI TO INITIATE TEN ON FEB. 24TH

### Evening's Main Speaker, Dr. Robert S. Hahn to Become Full Member

An initiation meeting of the Chapter will be held in the Janet Earle Room of the Alden Memorial on Tuesday, Feb. 24th, at 8:00 P.M.

The speaker for the evening will be Dr. Robert S. Hahn, Head of the Research Department of the Heald Machine Company. The subject will be "Research in the Machine Tool Industry," which will be an illustrated lecture covering, in outline, some of the problems and recent advances in machine tool research.

The following men will be initiated as associate members of the Society: R. E. Behringer, C. O. Dechand, R. G. Giguere, T. C. Hollocher, Jr., D. S. Jenney, R. L. Peterson, D. G. Post, H. G. Rackett, P. E. Simon, Jr., and D. W. Sundstrom.

Dr. Robert S. Hahn will be elevated to full membership in the Society.

The meeting is open to all wishing to attend. Refreshments will be served.

wondering where they could ever get enough money to purchase the essentials described therein. The well dressed student, according to *Collier's* should have: four suits, a tuxedo, 2 sport coats, eight pairs of slacks, two sweaters, 12 dress shirts, 10 sport shirts, 16 neckties, four pairs of shoes, and 13 pairs of shorts. *Collier's* might inspect the closets at Worcester Tech to reappraise their sartorial guesswork.

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# TECH NEWS SPORTS

## Tech Hoopmen Win at Home; Lose On Road

**Succumb to Sailors  
And Williams Away;  
Tip Assumption Here**

Worcester Tech traveled down to New London, Conn., Friday, February 6th, to suffer a 65-60 loss to the United States Coast Guard Academy. With Harry Brown playing in sensational style, the Tech forces extended the Cadets until the final two minutes when a flurry of personal fouls and violations proved to be their downfall.

The Engineers, paced by Hank Vasil and Danny Hoch, started fast, but fell behind 13-16 at the quarter. The deficit was short-lived as Hoch, Ace Hall, and Bob Schultz led a second period chase that wound up with Tech on top 28-26.

Coast Guard pulled away in the third session, despite a brilliant 11-point onslaught by Harry Brown, to take a 45-40 lead. Harry, maneuvering beautifully in the bucket, tallied on a variety of eye opening shots.

Coast Guard threatened to put the game on ice early as they added two quick hoops at the outset of the final period. But Schultz sounded the warning with a set shot from the side. Four minutes later he stole a dribble and soloed for Tech's twelfth straight point and a 52-49 lead. This determined push was highlighted by two loopers signed Earl Bloom and baskets by Fratino and Shebek. Coast Guard had the final say, however, and nullified this courageous comeback with a barrage of baskets and free throws that sunk the Techmen 65-60.

Harry Brown led all scorers with 20 points, while Mike Boggs was high for C.G.A. with 18.

Doug MacLaren, after being held to one point at New London, came back the following night to lead the Engineers to a hard earned 65-54 win over Assumption at Alumni Gym. For three and a half periods the scrappy Greyhounds kept the Techmen off balance with a shifting zone defense, but an unanswered ten-point surge in the closing minutes captured the victory for Tech.

After a slow first half that found Tech on the short end of a 27-26 score, the Engineers stepped up the scoring tempo, and with Hank Vasil at the helm, stormed to a third period 46-41 lead.

Assumption had one more punch left, but it wasn't a knockout wallop. The visitors fought back to grab a 54-53 lead midway through the final session, but Tech was not to be denied. Led by MacLaren and Ace Hall, the McNulty men raced home for their fifth win.

MacLaren scored 16 points followed by Vasil with 14 and Hall with 10. Assumption's Joe Dyer captured scoring honors with an 18-point effort and Billy Ormond chipped in with 14.

Williams College sent Tech reeling to its fourth straight loss on the road 69-53. The Engineers falling to their fifth defeat of the season started in high fashion and roared ahead 20-12 at the first period. Their shooting became woeful and their attack impotent when they lost Harry Brown, who fouled out early in the second half trying to stop the scoring of the Purple's giant center, Vic Moro. Williams' burly bucket man, ruining Tech with jump shots from the key and rebounds wound up with 31 points. Thirteen of these points came from the foul line. One happy note was the scoring of Ace Hall, who had his one hand push shot working from the corners. Ace led the Engineers with 17 points, while Doug MacLaren tallied 13 and played his usual strong floor game.

## J.V. QUINTET TOPS ATHOL

Worcester Tech's Jayvees routed with ease Athol YMCA 94-65, thus pushing the junior five over the five hundred mark as their record now reads five up and four down.

Athol, with the sharpshooting of Bill Battaini, kept near the Tech team in the first quarter as Jim Cheney, Fred Herring, Bob Philhower, Dick Bazinet, and Ged Brown all made hoops for the home club.

In the second period Tech pulled into a large lead as Bazinet's hooks from either hand and Philhower's one hand jump shots began to hit. Height began to tell in this period as Herring and Cheney ruled the defensive boards and Philhower, Bazinet, and Nowick tapped offensive rebounds to their hearts' content, fighting only among themselves. Tech scored 30 points in the second period to lead 50-33 at half time. Bazinet had 16 at the half while Philhower matched Battaini's fifteen points.

# Techmen Hit Peak Trim Vikings 79-60

## Hall, Vasil, Brown Spark Home Team to Upset Win

By DON McNAMARA

Worcester Tech's latent basketball punch exploded with a fury last Saturday night to flatten a highly favored Upsala five 79-60 at Alumni Gym. The Engineers were a team of bearcats on defense and operating from a more versatile attack, had simply too many weapons for the visiting Vikings. With Hank Vasil and Joe Fratino playing their best games of the season, and Ace Hall's dormant scoring ability coming alive, the Techmen were a potent scoring machine. Coach McNulty with probably the strongest bench he has had since his arrival at Tech, substituted timely, and kept the pressure on Upsala until at the end, they were a badly beaten crew.

The first quarter might just as well have been called "Hank Vasil quarter", so well did he dominate the play. Hank started the ball rolling by scoring Tech's first three points, and for the remainder of the period he was a tower of strength off both backboards. He grabbed almost every defensive rebound with his inspired demonstration of board-work.

The Techmen almost ran away from Upsala in the opening stanza. Joe Fratino followed Vasil's opening points with a push shot. A layup by Harry Brown and two free throws by Ace Hall shot Tech into a 9-3 lead. With three minutes left in the period Tech held a five point lead 13-8. An Ace Hall push, jump shots by Harry Brown and Doug MacLaren and a free throw by Brown opened up a 20-10 lead. Upsala's Sundberg sank two free throws just before the whistle to cut the lead to eight points, 20-12, at the quarter.

The second session saw Tech's advantage cut to three points as the tall visitors gained control of their defensive backboard and limited the Techmen to that one shot on each trip down the floor. Sloppy ball-handling also contributed to the home team's second period lapse.

Doug MacLaren scored on a set shot to open proceedings in this quarter. A push shot by Earl Bloom and two charity tosses by MacLaren offset two baskets by the Viking's John McGee and Tech was on top 26-16.

The complexion of the game then changed completely. Greenbaum, a six-four guard, started popping from the corner and with McGee driving down the middle, the visitors began to show the high-powered offense that has carried them to so many impressive victories this year. Before the period ended Upsala had thrown in 22 points and had cut Tech's lead to 37-34.

Coach McNulty must have used the right words at half time as he explained how this Upsala offense could be stymied. For in the third period the Vikings were able to total only eight points, four of them via the free throw route.

While Upsala was scoring but eight points, the Engineers had the throttle wide open and tore the nets for 25 points in a blistering scoring attack. Ace Hall was the villain, as far as the Vikings were concerned, scoring 13 points, all but one from the floor.

Bill Holland of Upsala opened the third quarter with a free throw to cut Tech's margin to one field goal. Ace served notice of things to come by driving from the left corner and hooking one home. Holland countered with a jump shot, but a basket and a free throw by Hank Vasil increased Tech's advantage to five points, 42-37. Ace followed with a steal that wound up with a beautiful spin shot. A three pointer by McGee slowed the Techmen down, but Ace continued the attack with one of his patented push shots. The Vikings had only two free throws left as Tech continued the onslaught. The referee finally stopped them as he blew his whistle to end the third stanza with Tech on top 62-42.

The final period was fast but indecisive, as the Vikings were unable to come closer than 16 points. Coach McNulty removed his regulars one by one and the enthusiastic crowd showed their appreciation with resounding applause. Danny Hoch came on in this period to score seven points and protect the Engineers' twenty point bulge. At the closing whistle the score read: Worcester 79, Upsala 60.

This was truly a great team effort as the boys reached the high point in the season thus far. This Upsala team had beaten three teams that have beaten Tech this year and scored more than 100 points against Trinity the only team that has beaten Tech at home. Ace Hall's performance was one of his best as he led all the scorers with 21 points. Harry Brown followed with 16 and Hank Vasil chipped in with 11. John McGee was tops for Upsala in the scoring department as he totaled 16 points.

Coach Walker of Upsala named hustle on defense as the deciding factor in this ball game. He had high praises for Tech's three tall timbers, Hall, Vasil, and Brown, but he singled out Doug MacLaren as the player who really impressed him.

TECH				UPSALA			
fg	fp	tp		fg	fp	tp	
Hall f	8	5	21	Magge f	5	6	16
Bloom	4	1	9	Taylor	0	4	4
Vasil f	4	3	11	Klausner f	1	0	2
Shebek	0	1	1	Driscoll	0	0	0
Brown e	5	6	16	Young e	3	2	8
Schultz	0	2	2	Holland	2	2	6
MacLaren g	3	3	9	Verrone g	2	1	6
Hoch	3	1	7	Sundberg	1	8	10
Fratino g	1	0	2	Greenbm g	4	1	9
Gilbert	0	0	0				
Osell	0	0	0				
Nowick	0	1	1				
Totals	28	23	79	Totals	18	24	60

Referees, Carrigan and Dorsey.

In the third period Tech scored only 18 points, but this time Fred Herring did most of the hooping. Battaini kept firing for Athol but he could not make up for the non-shooters on his club and the end of this stanza showed Tech on top 68-42.

With a little more than five minutes left in the game, Coach Norcross cleared the bench and the subs continued the assault. With sharp passing on fast breaks they rolled up 20 points in three minutes. The crowd sensed the assault on the century mark, but Athol played possession ball and the Tech five had to settle for a 94-65 victory.

High scorer for the game was Battaini of Athol with 25 points while for Tech Bazinet tallied 22, Herring 19, and Philhower 15.

Statistically, Dick Bazinet leads the Tech J.V.'s with 140 points in nine games for an average of 15.6 points per game. Bob Philhower is second with an even 100 points in nine games for a 11.1 average. Fred Herring jumped to a 9.9 average with an 89 point total.

Box score:

TECH J.V.				ATHOL YMCA			
fg	fp	tp		fg	fp	tp	
Cheney f	3	1	7	Battaini f	8	9	25
Nowick	1	1	3	James	2	2	6
Herring f	6	7	19	Stone f	0	0	0
Heith	3	0	6	Thayer e	3	4	10
Brown e	2	0	4	Moody g	0	1	1
Dyer	1	0	2	Hood	4	0	8
Philhower g	7	1	15	Newton g	6	3	15
Joyce	2	0	4				
Bazinet g	10	2	22				
Robinson	4	0	8				
Johnson	2	0	4				
Totals	41	12	94	Totals	23	19	66

## TKP, PSK Tied For Top in IF Bowling Loop

At present, interest in the Interfraternity Bowling campaign has reached a new high, as Phi Sig and Theta Kap are currently in an 18-2 dead-lock for the leading spot in the league. Surprising A.E.Pi stands in the third spot with a 12-8 record, followed by Lambda Chi, which has listed 16 wins and 12 losses. Leading the second division is S.A.E. with 7 wins and 9 losses, after which comes A.T.O. with a 5-11 record. Theta Chi, which has won 4 and lost 16 is in the eighth spot with Phi Gam bringing up the rear with a 3-17 record.

In the last week's matches, Theta Kap took two, beating A.T.O. 4-0, and S.A.E. 3-1. On Tuesday Lambda Chi shut out Theta Chi 4-0, followed by Sig Ep swamping S.A.E. 3-1 on Wednesday, and Phi Gam battling to a 2-2 tie with Lambda Chi.

James Carroll of Lambda Chi still holds the high single of the season with a lousy 130, while John Coupe of Phi Sig has registered the highest three string total with 317. Phi Sig owns the high team single with 401, and T.K.P. currently holds the high team total with 1146. Spud Spadoni is presently the leading bowler on the campus with an average of 96.5, followed by Andy Morgo also of T.K.P., who owns a 95.1 average.

# JAY'S



## INTERVIEW SENIORS—From Page 1

The draft situation is a major worry to all students, but only three percent of all the engineers either working in industry or still in school have been inducted into military service. If a student can remain in the upper half of his class all during his college years, and if he can succeed in obtaining a position in some essential industry, he can feel secure for a while.

Another prime factor influencing the demand for engineers is industrial expansion. American industrial power is constantly growing at a rapid pace; machines and processes are becoming more and more complex requiring a higher degree of skill and specialization for their efficient operation, and the ratio of engineers per common laborer had jumped by leaps and bounds in the past decade.

From the general trend of business, social, and industrial affairs, the engineering profession offers a promising future to ambitious young men.

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# THE DU PONT DIGEST

## JOB WITH A FUTURE—

# Supervising Production

Varied experiences in a Du Pont chemical plant  
fit young engineers for higher responsibility

As was pointed out in the last issue of the *Digest*, Du Pont's many product lines afford men interested in production supervision experience in a wide variety of operations.

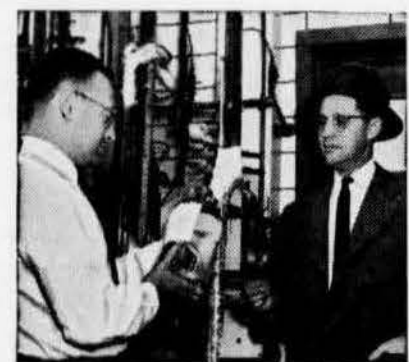
For a better idea of what the work involves, let's consider a specific case—the production of "Mycoban" sodium and calcium propionates, inhibitors used by bakeries to extend the mold-free life of bread and other baked goods.

Many of the problems encountered in the manufacture of "Mycoban" are similar to those arising in the manufacture of any Du Pont chemical. There is the same continuing effort to improve quality, while cut-

ting costs through the better use of equipment, instrument controls and raw materials.

The supervisor works hand in hand with the plant technical section toward these goals. He also keeps himself informed on technological and economic trends affecting production and sales, finds explanations for out-of-line costs, and prepares plans and estimates for increasing production.

Such work obviously calls for a sound technical background. In addition, however, considerable administrative ability is needed. A supervisor must be able to supervise. His duties include keeping people under him informed about long-range



Production Supervisor Robert B. McCue (at right), B.S. in Ch. E., West Virginia '38, and plant laboratory shift leader J. P. Quarles, B.S. in Ch. E., Lehigh '38, discuss analysis of a product sample.

changes in company policy and assuming responsibility for their safety and morale.

The unusual problems encountered in "Mycoban" production are largely due to the seasonal nature of its sales. Its greatest use is in the hot, humid months, or from late spring to early fall. For this reason:

1. Production and warehouse inventories of "Mycoban" must be carefully balanced against sales forecasts. The supervisor gathers necessary background information for this operation.

2. Production needs, including manpower, equipment and materials, must likewise be planned to meet sales forecasts.

3. Maintenance, including a yearly hydrostatic test of the plant, must be scheduled with the plant maintenance supervisor for the minimum interference with peak-season production. Emergency maintenance must be kept down by carefully planned preventive maintenance.

As you can see, production supervisors have a broad field of activity at Du Pont. The experience gained in this job will prepare an ambitious man for advancement to positions of still higher responsibility.

YOU'LL WANT to read "Chemical Engineers at Du Pont." Explains opportunities in research, development, production, sales, administration and management. For copy, write: 2521 Nemours Building, Wilmington, Del.



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Process Control Engineer W. L. Morgan (at left), B.S. in Ch., West Virginia Wesleyan '37, observes packing characteristics of "Mycoban" powder as it comes from the loading hopper.