



Nova Scotia Technical College
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Newsletter

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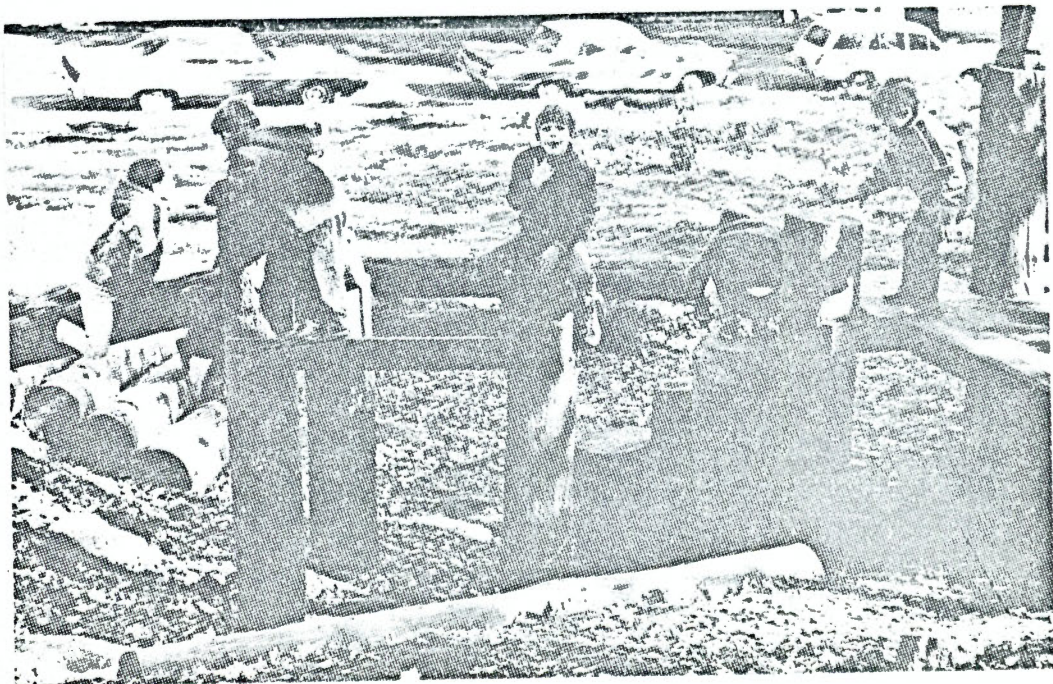
ARCHITECTURAL STUDENTS DO DESIGN "GOOD-TURN"

The newest addition to the George Dixon Recreation Area in Halifax is a play-sculpture designed and built by architectural students at the Nova Scotia Technical College.

A group of nine students from the fifth year architectural class were given a grant of \$100 from the School of Architecture and one week free from design classes to "design and build something for the community". After consultation with Jesse Dillard of the Halifax Recreation Department, the students decided to enhance the playground area in the north end of the City and set about designing the play-sculpture.

All the work was done the week of October 25 and children in the area have been utilizing to a great extent the structure which is located on the Brunswick Street side of the George Dixon Recreation Area near Uniacke Square.

The students feel most satisfied with the response from children in the area who are more than delighted with the wooden sculpture built of telephone poles and lumber. Architectural student, Barry Johns, summed it up when he said, "I think we really surprised ourselves".



North-End children playing on "Playground Furniture" designed by Architectural students. (Photo by Dubé)

PEOPLE AND PLACES

DR. Peter Manning (Architecture) gave an invited lecture this month at the School of Architecture, Fargo, North Dakota, U.S.A.

PROF. Don Waller (Civil) presented a paper entitled "Water Research and the Public Health" to the annual meeting of the Nova Scotia Branch of the Canadian Public Health Association which was held in Kentville last month.

Prof. Waller has relinquished his position of Assistant Director of A.I.R.I. to resume full-time teaching duties.

DR. R.C. Gilkie (Civil) was guest speaker at a meeting of the Specification Writers Association of Nova Scotia which was held in Halifax October 26. The topic of his lecture was "Structural Plastics -- Design Philosophy".

Dr. Gilkie represented Tech at the annual general meeting of CUSO held in Quebec earlier this month. Dr. Gilkie is co-chairman of Tech's CUSO Committee.

DR. E.L. Holmes (Engineering Dean) presided at a meeting of the Canadian Organization for Joint Research which was held in Montreal last month.

Dean Holmes also represented Tech at the installation of Dr. B.C. Matthews as Vice-Chancellor of the University of Waterloo on October 23.

Dean Holmes attended the meeting of the National Committee of Deans of Engineering which was held in Winnipeg earlier this month.

He was also guest speaker at the closing banquet of the meeting of the Acadia Section of the American Society of Agricultural Engineers which was held in Halifax earlier this month. His topic was "Is There Insufficient Radicalism in the Region?"

CONGRATULATIONS to Dr. Dick Hastings-James (Electrical) who has just received his Ph.D. from Cambridge University.

MARY Barker (Public Relations) attended a meeting of the University Information Officers of Nova Scotia held at St. Francis Xavier University October 27-28.

Miss Barker also attended the annual meeting of the ACUIB (Association of Canadian University Information Bureaus) which was held in Winnipeg in conjunction with the AUCC meetings. While at the conference she participated as a panelist for one of the sessions and delivered the Atlantic Region Report.

Miss Barker was elected Director for the Atlantic Region of the ACUIB for a two-year term.

DR. A.Y. McLean (Chemical) was awarded a travel grant of \$700 from the National Research Council to attend a NATO-sponsored conference in Brussels as part of the Canadian delegation.

Dr. McLean spent some time in Ottawa where he and other members of the Canadian delegation were briefed on the Marine Oil Pollution Conference before they left for Brussels early in November. Dr. McLean, who was the Chemical Science Co-ordinator for the Scientific Co-ordination Team of Operation Oil, and Dr. C.S. Mason of the Bedford Institute of Oceanography gave papers on the results of the scientific investigations during the ARROW incident. Because of his involvement with Operation Oil, Dr. McLean is now involved with Operation Whale and the analysis of oil tests which were carried out at the Nova Scotia Technical College.

Following the meetings in Brussels, Dr. McLean attended a world conference on Ocean Engineering in Dusseldorf, West Germany.

MR. A. Andiappan (Chemical Grad Student) co-authored a paper with Dr. A.Y. McLean entitled "Vapour Liquid Equilibrium" which he delivered at the annual conference of the Canadian Society of Chemical Engineers held in Sarnia, Ontario in October.

DR. M.R. Foran (Dean of Graduate Studies) and Dr. G.W. Holbrook (President) were members of Tech's delegation attending the AUCC meetings held in Winnipeg earlier this month.

PEOPLE AND PLACES (Cont'd.)

PROF. Mort Rubinger (Architecture) attended the Teaching Seminar of the American Collegiate Schools of Architecture in Pittsburgh, Penn. Oct. 25-28. Prof. Rubinger was the representative of Tech's School of Architecture at the seminar entitled "Research As an Aspect of Architectural Education".

Prof. Rubinger also attended the second annual conference of the Environmental Design Research Association which was also held in Pittsburgh last month. While there he chaired a session on design education.

RIAZ Hussain (Librarian) attended a meeting of the American Society for Information Science in Philadelphia, Penn. the week of October 11.

APPOINTMENTS

DR. Dick Hastings-James has been appointed lecturer in the Department of Electrical Engineering, effective immediately.

Dr. Hastings-James, a native of Plymouth, England, graduated from Dalhousie University in 1965 with a Diploma of Engineering and received his B.Eng. (Honours) in electrical engineering from Tech in 1967. He just recently received his Ph.D. from Cambridge University which he attended on an Athlone Fellowship and a Nova Scotia Technical College Teaching Fellowship.

TECH student, Fraser Eaton, has been appointed to our Board of Governors, effective immediately. This appointment will be effective until April 30, 1971.

TRAVELAB VISITS TECH

The Hewlett-Packard Mobile Demonstration Bus will visit the Nova Scotia Technical College Tuesday, Nov. 24. The bus will be parked beside the timber structures lab from 2 p.m. to 5 p.m. to display and demonstrate that company's latest electronic instrumentation and systems.

PUBLICATIONS

DR. John Graham (Mechanical) has published a paper entitled "Application of a Sampled-Data Model to the Transient Response of a Distributed Parameter System Subject to Simultaneous Radiation and Convection", which appeared in the International Journal of Heat and Mass Transfer, Vol. 13, No. 10, October 1970 issue, pages 1636 to 1639.

DR. W.Z. Fam (Electrical) has authored a paper entitled "Measurement of Losses in Saturated Solid Magnetic Cores". The paper is scheduled for publication in the March 1971 issue of the IEEE Transactions on Magnetics.

DR. E.L. Holmes (Dean of Engineering) published a paper entitled "Industry and the Universities - What Canada Is Doing" in the September 1970 issue of Eye for Technology, London, England.

STUDENT WORK PRAISED

VOLVO (Canada) Limited has expressed its satisfaction with Tech students working for Volvo during the summer in industrial engineering.

Mr. O. Lindblad, General Plant Manager of Volvo, Halifax, said "It is our intention to continue to have students do their project work at our plant as well as arrange for summer employment. In this way, I think we have an important linkage between university and industry which I consider to be a vital necessity".

METALLURGY SEMINAR AT TECH

DR. James Ford, Group Supervisor in the Metals Research Laboratories of OLIN, New Haven, Connecticut, and adjunct professor of Graduate Studies in the Hartford Graduate Center of the Rensselaer Polytechnique Institute, conducted a metallurgy seminar at Tech earlier this month. The seminar dealt with the "Relation Between Ordering, Stress Relief Annealing and Stress Corrosion Cracking in Some Copper Base Alloys".

AGRICULTURAL ENGINEERS MEET AT TECH

Dr. William Carson, Jr., Head of the Department of Bio-Resources at Tech, was the Chairman of the fall meeting of the Acadia Section of the American Society of Agricultural Engineers which met at Tech earlier this month.

Dr. Carson termed the ASAE meeting "a roaring success" and he made special reference to the provocative and entertaining speech given by Dr. E.L. Holmes at the closing banquet. Dr. Holmes' after-dinner address focused on the relaxed or apathetic character of the Maritimes and the implications of this attitude educationally, economically and socially. The theme of this talk was "Is There Insufficient Radicalism in the Region?", and he called upon the student body of the region to play a part in the process of stimulation such as injecting new ideas, exposing problems both existing and emerging, and to articulate new ideologies and aspirations.

Dr. G.W. Holbrook officially welcomed the delegates, and approximately 8 technical papers were delivered during the sessions.

The group also toured the facilities of the College and were given a tour of Seapool Fisheries.

Prof. Don MacAulay of Tech's agricultural engineering staff, assisted Dr. Carson during the conference.

GUEST SPEAKERS AT TECH

DR. T.J. Ecsedi will give a public lecture on "The Use of Contemporary Precast Concrete" on Thursday, Nov. 26 at 8 p.m. in the College cafeteria.

Dr. Ecsedi is a graduate of Structural Engineering from the University of Budapest and his consulting engineering firm is recognized as one of the leaders in North America in the field of precast and prestressed concrete.

DR. F.A. Aldrich, Director of the Marine Sciences Research Laboratory, Professor of Biology and Dean of Graduate Studies at Memorial University in Newfoundland, will give a public lecture at Tech on Nov. 30 at 8 p.m. in Rm. H-19.

His talk will deal largely with the facilities of the Marine Sciences Research Laboratory and how it meets the needs of marine studies in the Province of

Newfoundland, and indeed Eastern Canada and the North Atlantic area. Special reference will be made to the "mystery" of the giant squids of the North Atlantic.

Dr. Aldrich was born in New Jersey and received an undergraduate degree from Drew University and his Master's and Doctorate degrees from Rutgers University. This eminent scientist has a long list of accomplishments and affiliations with scientific bodies. He is a member of the Board of Directors of the Huntsman Marine Laboratory in New Brunswick, a recipient of a Visiting Professorship in Marine Biology at the University of Basel, an Honourary Professor of Marine Biology at the National Taiwan University, honoured by Drew University as a Distinguished Alumnus in the Sciences, a Fellow of the Zoological Society of London and the American Association for the Advancement of Science, a Director of the Canadian Society of Zoologists, past President of the Canadian Society of Wildlife and Fishery Biologists and past President of the Newfoundland Natural History Society. Dr. Aldrich was also an invertebrate zoologist with the Catherwood Foundation Amazon Expedition and in 1967 was Chairman of the annual meeting of the American Society of Limnology and Oceanography.

BRITISH ARCHITECT: GUEST SPEAKER

GEOFFREY Broadbent, Head of the Portsmouth School of Architecture, gave a public lecture at Tech on "Design Method" earlier this month. While at Tech he spoke with the students.

He graduated from Manchester University and later held a lectureship in architecture there. He joined the University of York in 1961 as Secretary to the Institute of Advanced Architectural Studies and moved to Sheffield University as a lecturer in architecture in 1963. He has published several papers on design methods in architecture and lectured extensively in Britain, Europe and South America.

NOON HOUR CONCERT

The Nova Scotia College of Art and Design on Coburg Road is sponsoring a noon hour music concert, featuring the Stadacona Band, to be held Tuesday, Nov. 25 at 12:30 p.m. Admission FREE.

CENTRE GIVES NEW COURSES

The Atlantic Region Management Training Centre is presenting a three-day program commencing November 30th which will be of benefit to all management personnel who are responsible for inventory management and are seeking an in-depth understanding of the principles, tools and techniques.

This Inventory Management Workshop will be conducted by H.C. Knight, C.A. and S. Whitelaw, P.Eng., professors of Saint Mary's University.

At this time of tight money and rising costs a workshop emphasizing methods designed to achieve significant savings while improving customer service will be of real interest to all companies regardless of size or complexity.

The Training Centre is also offering two specialized courses in its winter program. A one-week course in work planning and control will be held from November 23-27. The theme of this course is how to use simple technique to best advantage in the management of continuous operations; and case studies, discussions, and practical work will be used to demonstrate the ground rules of effective planning, impart skill in scheduling, and teach modern methods of control. This course is proving of value to industries of all sizes from farm to factory, and students are coming from as far away as Winnipeg to take the course.

A four-day course entitled "Critical Path" is the second winter course which will begin November 30.

Because project management, a one-time job of long duration containing many activities (e.g., building Scotia Square or overhauling a turbine), involves many problems, the Management Training Centre is offering a course in "Critical Path" as a method of project planning and control.

The intelligent use of "Critical Path" keeps tabs on questions such as: How long? What cost? How many men? What equipment? How is progress? What

next? The principal applies to many jobs both large and small from office removals to preparing Expo 67.

"'Critical Path' belongs in many places including Broadway, where it was used to monitor the production of the highly successful show 'Hello Dolly'," says John Cassidy, a lecturer at the Management Training Centre.

DR. JOHN KAYE HONOURED BY APENS

Dr. John Kaye, Chairman of the Board of Governors of the Nova Scotia Technical College, was awarded the Sexton Award by the Association of Professional Engineers of Nova Scotia at its 50th annual meeting, held in Halifax November 21.

Dr. Kaye is the fourth recipient of the award which was instituted in 1956 to honour persons who have made an outstanding contribution to engineering in the professions.

Dr. Charles Roper gave the citation for Dr. Kaye and mentioned, among his numerous accomplishments, the fact that Dr. Kaye had made a significant contribution to the setting up of professional rates for public utilities, designing a great number of sewage and water systems in surrounding municipalities and aiding in the development of plants and design of machines for the fishing industry in Nova Scotia and Newfoundland.

Dr. Kaye has been active in many community organizations and is a past President of APENS and the Engineering Institute of Canada.

STEEVES NAMED PRESIDENT

Dean A. E. Steeves, Director of Administration and Dean of Student Affairs for Tech, was elected President of APENS at the Association's 50th annual meeting in Halifax Nov. 21.

Dean Steeves addressed the gathering of professional engineers and also gave the "toast to the ladies" during the closing banquet.

CONGRATULATIONS Dean Steeves!!