

NEWS & EVENTS

Rochester Institute of Technology

Vol 12, No. 10, March 13, 1980

Energy Research Institute Formed

A commitment to energy research and conservation at RIT has led to the creation of the Institute for Applied Energy Studies (IAES).

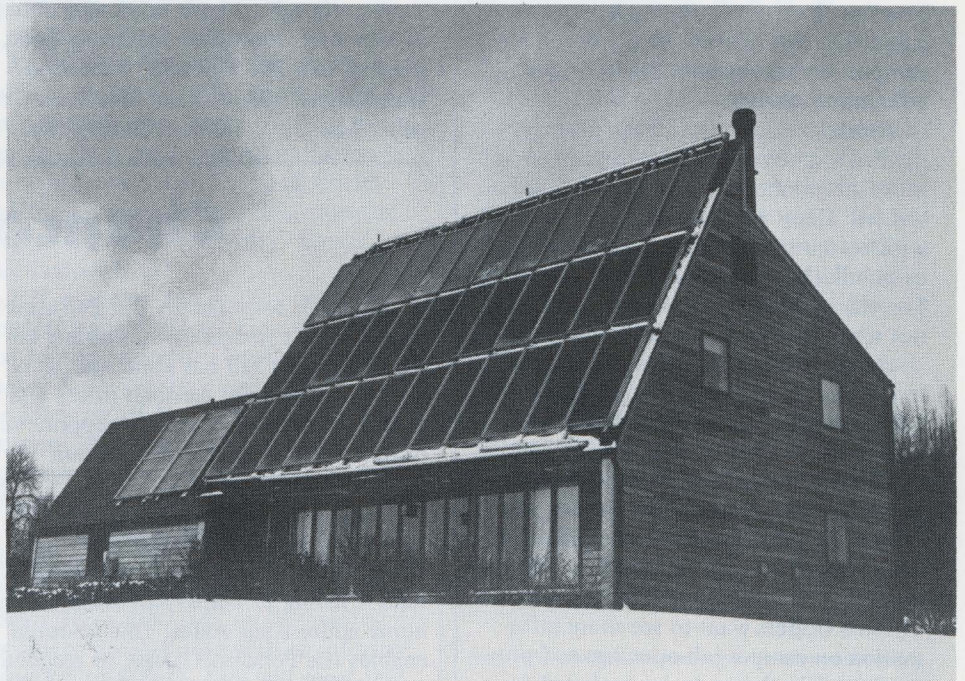
The new institute will be the focal point for energy research and development programs conducted at RIT, as well as overall management of RIT's own substantial program in energy conservation. Designed to enhance RIT's contributions to the energy field, a chief function of the institute will be to conduct research and development programs in applied energy for the private industrial sector.

"We are aiming this aspect of the institute at businesses that will find it more economically feasible to use RIT resources for research and development than to set up their own activities," explains Dr. Robert Desmond, P.E., acting director of IAES.

Desmond, former head of the Mechanical Engineering Department, says the institute is intended to be self-sustaining and will receive its operating budget from a combination of grants and contracts through private, governmental and foundation sources.

RIT's current research programs in solar and wind energy and energy conservation will be administered through IAES. Energy House, the solar-powered, energy efficient home used for research on campus, will be one of the areas to come under the new institute. Energy House was built as a cooperative effort of RIT, Rochester Gas and Electric Corp., and Rochester Home Builders' Association. It is used to conduct research on solar energy and various energy efficient construction techniques.

A \$483,089 energy grant to RIT, recommended recently by the state with federal approval expected by March 15, will be managed through the institute. This grant, together with a matching



Energy House and wind research are two areas of applied research that will be part of the new Institute for Applied Energy Studies. The campus itself will be a laboratory for energy conservation, another area addressed by the institute.

share of RIT dollars, will be used to install a computer to monitor and control campus energy use and to modify the ventilation system in one campus building and limit air infiltration in two buildings. RIT expects a payback on these energy conservation measures in three to four years.

Other areas that IAES expects to address are alternative sources of energy, improvement of energy utilization for space heating and cooling, electric power generation and transportation and manufacturing processes that relate to energy use. The institute plans to establish an



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Reader Survey

The survey form in the Jan. 24 issue that asked for readers' opinions of *News & Events* content has been tabulated. Generally, readers expressed satisfaction with such areas as the weekly format and amount of coverage given to "Profiles," "News & Newsmakers," and faculty and staff news.

The most-read feature is "News & Newsmakers," followed (in rank order) by "Profiles," "Datebook," and photos and photo stories. A large majority of respondents also read Personnel Dept. stories about new and changing job benefits. Nearly all respondents indicated that information about upcoming campus events helped them decide whether to attend.

Reader opinion was nearly evenly divided on whether there should be more news about student-related activities. Many of those who did not wish to see more added that this was, or should be, done by *The Reporter*. For the same reason, most readers did not want to see more sports coverage.

As for areas that should receive more attention, there was no significant response in any single area. Some respondents, however, suggested an occasional student profile, and the comment that there should be "more attention to issues...more faculty and educational focus" was reflected in other remarks.

Most readers want to see more information on campus job openings and promotions (the latter to be included in "News & Newsmakers"). About one third would like more information on grants deadlines and more photos.

The information received has been helpful, and the thought given to the survey by those who responded is appreciated. Future issues of *News & Events* will reflect a number of the suggestions offered.

NEWS & EVENTS

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Hope for Sidewalks

Protection of students, faculty and staff has prompted RIT to take an aggressive role in attempting to secure sidewalks along Jefferson Road as well as John Street and other Institute property.

"The Institute is deeply concerned for the safety of its family and is actively seeking solutions," said President M. Richard Rose, who has met with both state and local officials. "This matter is of the highest priority."

One strategy has been to seek funds from the New York Department of Transportation to have sidewalks added on the state controlled Jefferson Road, pointed out Bill Williams, director of Government Affairs. John Street, on the other hand, is a Monroe County road.

Williams said RIT also is evaluating sidewalk needs on campus near Colony Manor, Wiltsie Drive to John Street, Perkins Green, and from NTID to the Inn on the Campus. Funding sources have not been determined.

Deaths along Jefferson Road have resulted from the inadequate pedestrian facilities. Studies indicate that 28,000 cars and trucks use this section of Jefferson Road each day. In addition to no sidewalks, there are long stretches without streetlights. The section also averages 2.8 accidents per million vehicle miles compared to a state average of 1.9 accidents for similar roads. Local statistics indicate there is one auto accident every five days.

Chance to Share

Although response to the Personnel Department's revival of car-pooling coordination last fall has gone well, continuing increases in gasoline prices and energy conservation efforts support an ongoing and strengthened concern for this service.

In addition to the car-pool registration form being reprinted with this story, the Personnel Department maintains a listing of employees arranged by home address zip codes. This resource enables the Personnel office to respond immediately to "searches" by an employee for potential car-pool neighbors.

In response to observations that some employees who might otherwise share rides do not due to different or varying work schedules (especially of teaching personnel), it has been suggested that even partial pooling of rides (one, two or three days per week) could be considered.

Persons not already involved in car-pooling who would like help in finding an appropriate arrangement should fill out the accompanying form and forward it to Personnel in the campus mail or inquire of the Personnel Dept. for further information.

CAR-POOL

TO: PERSONNEL OFFICE

I am interested in being in contact with others in nearby residential areas to form ride-sharing or car pool arrangements to/from RIT.

Name: _____ RIT Extension: _____

Social Security Number: _____

Home Address: _____

_____ Zip Code: _____

Full-time 12 months _____ Full-time 10 months _____ Part-time _____

NEWS & NEWSMAKERS

David C. Abbott, producer-designer with Instructional Media Services, recently completed the graphic identity system and logotype for the Empire State College System. Empire State College, based in Saratoga Springs, is comprised of approximately 30 campus stations located throughout the state.

Bruce A. Austin, instructor in the College of General Studies, has recently published an article entitled "Prime Time Television in a Medium Sized Market: A Content Analysis" in *Communication Quarterly* (Summer 1979). The article discusses and examines the prime time menu of Rochester's three commercial network-affiliated television stations. This is the second of three studies that has been conducted on the Rochester television market.

Richard A. Kenyon, Dean of the College of Engineering, has been involved in several speaking engagements this academic year. He presented a paper on the Monroe County Resource Recovery Facility at the Second International Recycling Conference in October, 1979, in West Berlin, Germany. In mid-February he was the luncheon speaker at the Rochester Rotary speaking on "Energy House: Two Years Later." On Feb. 21 of this year, Kenyon was the guest speaker at the annual Engineer's Week dinner sponsored by the Harrisburg, Pa., chapter of the National Society of Professional Engineers. On Feb. 25, he was the keynote speaker for the New York State Chapter of the Society of Professional Engineers national dinner at Clarkson College. The March issue of *Mechanical Engineering* carries his article, "Local Technology Transfer." He will also present a paper at the National Waste Processing Conference and Exhibit from May 11-14 at the Washington, D.C., Hilton. The event is sponsored by the American Society of Mechanical Engineers Solid Waste Processing Division.

Richard McAllen, director of Web Offset Research, and Zenon Elyjiw, senior technologist, both from the Graphic Arts Research Center, conducted a special seminar on color reproduction for the UARCO Company in Chicago, on Feb. 7 and 8.

Drs. Paul A. and Francena L. Miller are back on campus in General Studies. Paul Miller's extension is 2036 and Francena Miller's is 2407.

Zenon Elyjiw, senior technologist at GARC, addressed the Northwest Mechanical Conference in Minneapolis, Minn., on March 1. His talk was on "Process Color: What You Should Know About It."

Robert Webster, associate professor in the School of Printing, has been awarded the 1979 President's Cup and membership in the Academy of Screen Printing Technology of the 1,700-member Screen Printing Association International (SPAI).

Seminar To Examine Japanese Productivity

Japan is a nation with few natural resources, importing 90 percent of its raw materials and energy. Yet Japan is now the third most productive nation in the world, after the U.S. and Soviet Union, according to Joji Arai, manager of the Japan Productivity Center, Washington, D.C.

RIT students and faculty and area business leaders will get a closer look at that high productivity level next week during Arai's two-day visit to RIT. As the manager of the U.S. office, Arai oversees and assists more than 500 Japanese companies operating in this country.

RIT's Career Education Division will be hosting Arai March 19 and 20. A seminar on Japanese productivity is scheduled from 2:30 to 3:30 p.m. on Wednesday in the Henry Lomb Room with an informal reception to follow. Arai will meet that evening with Xerox officials and with all of Kodak's general managers Thursday afternoon. He will spend the morning of the 20th with RIT students.

Arai has served as manager of Japan's U.S. office since 1971 and held other positions there since 1962. He came to Washington in 1960 as an escort/interpreter for the Agency for International Development. He is a law graduate of Keio University, Japan.

Arai's visit has been arranged by Ralph Stearns, professor of industrial engineering and director of Experiential Learning and Related Technology for the Career Education Division. "The Career Ed division is looking at jobs in the future and recognizes the extent of overseas investment in U.S. industry," says Stearns, who has spent a great deal of time studying Japanese productivity methods. And he added, "A large number of our graduates and co-op students may end up working for

Japanese-controlled companies."

In discussing the American image of the Japanese, Joji Arai quotes a Potomac Associates survey of last spring, which reported "that while 87 percent of those Americans interviewed thought the Japanese were hard working and intelligent, 54 percent called them sly." And Arai adds, "Only 16 percent credited the lower cost of Japanese goods to efficiency, while 57 percent said Japanese wages are lower."

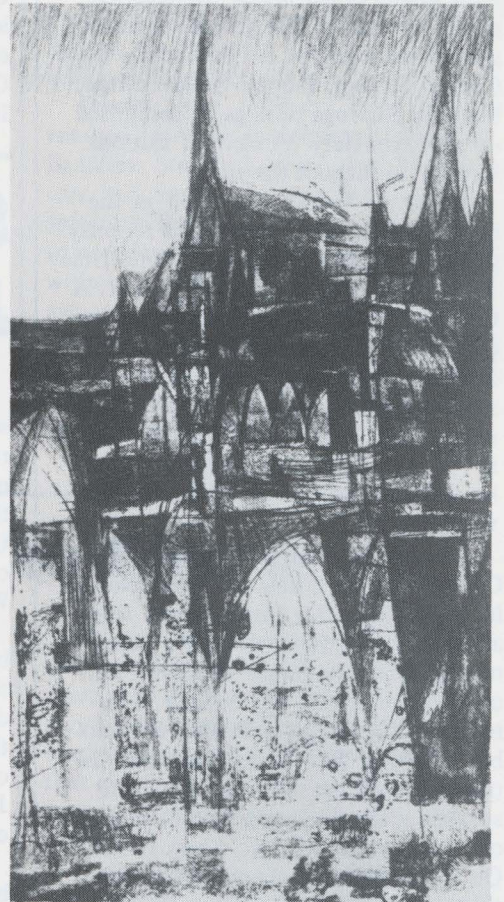
Arai responds that Japanese wages are actually higher than those in Great Britain, France and Italy and that the lower product cost is a direct result of the Japanese worker's loyalty to his company, which is part of Japan's amazing productivity level.

Hertz Discount

RIT has recently negotiated a discount program with Hertz. As of April 1, under this program, all employees, students and alumni are entitled to a 15 to 30 percent discount whenever they rent from Hertz. (Discounts do not apply to "touring rates" and certain other rates.) With Hertz as its primary car rental company, RIT receives the same discount when renting cars on official business.

Everyone will soon receive a Hertz discount ID card and sticker bearing the RIT ID number. The sticker or card should be used to insure that both the individual and the Institute receive the proper discount. Everyone is being encouraged to use Hertz whenever possible, because as use increases so will the discount to both private parties and the Institution.

Spring Show At Bev



"A Worshipper in a Night Club," (above) by artist Fred Meyer; "Baltic Baroque," (right) etching by printmaker and illustrator Norman Bate; "Stabil: Drill in Ocean," (far right) by metalsmith Hans Christensen; and "Teapot in Oak Cradle" by ceramist Hobart Cowles.

Four internationally-known artists will be honored at a special Bevier Gallery exhibition at RIT from March 15 to April 3.

Norman Bate, Hans Christensen, Hobart Cowles and Fred Meyer will present works from the span of their distinguished careers.

A special preview reception with the artists will open the show Friday, March 14, from 8 to 10 p.m. The public is invited.

Norman Bate, illustrator and printmaker, has received over 14 awards and numerous other honors from such groups as the Library of Congress, Harvard's Fogg Museum, Boston Printmakers, American Institute of Graphic Arts and the Wichita Art Museum. A number of his etchings will be featured at Bevier Gallery.

Bate's illustration career was briefly interrupted during World War II. A major in the Signal Corps, he commanded

a combat photo unit in Europe. The Buffalo, N.Y., native returned to the U.S. as an industrial and agricultural illustrator, before he began teaching at Pratt Institute in 1951.

Over the years, he has collected a letter-writing fan club of children who have become attached to the seven children's books he has authored and illustrated, including "Who Built the Dam?," "Who Built the Highway?" and "Who Fishes for Oil?" Having retired from the faculty of RIT this year, he plans to complete eight more.

Bate has taught illustration and print-making in RIT's College of Fine and Applied Arts since 1957. Dr. Robert H. Johnston, dean of the college, sums up his works as "intellectual, inspiring a rare kind of intellectual study. They are timeless and possess a quality best described as a mastery of technique, craft and concept."

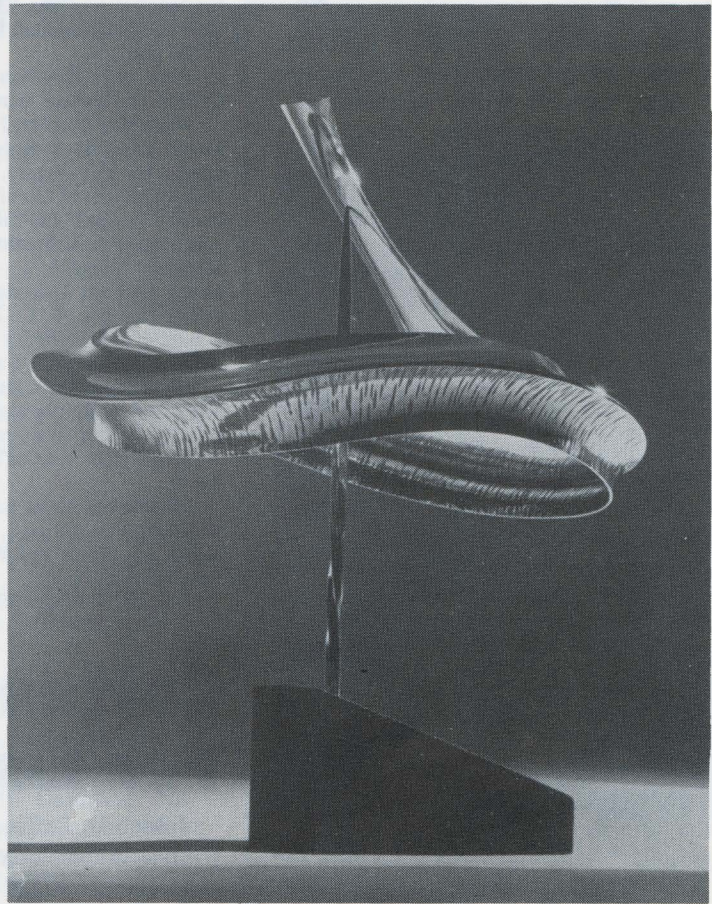
Hans Christensen, master metalsmith,

holds the only U.S. endowed chair for the crafts, the Charlotte Fredericks Mowris Professorship in Contemporary Crafts at RIT. In 1979 he was elected a Fellow of the American Crafts Council, a lifelong award for the consistently high quality of his work and his contribution to the craft world.

A world-renowned silversmith, Christensen has designed pieces included in the collections of the Vatican; the five royal families of England, Denmark, Norway, Iran and Sweden; U.S. presidents, politicians and entertainment figures, as well as awards for sports events.

Originally from Denmark, where he also taught, Christensen joined RIT's faculty in the School for American Craftsmen in 1954. "As a teacher of teachers he continues to have major impact in the world of silver," Dean Johnston says.

Christensen has received a variety of



awards during his 35-year career and continues to exhibit in some of the world's most prestigious shows and museums. Last summer he represented Rochester at the Rennes World Trade Fair in France.

Hobart Cowles, ceramist, has produced thousands of clay pots in the span of his career. His ceramic work has been commissioned and installed in churches in Gates, Webster, Victor, Brockport and Bergen and has been exhibited worldwide, including the Brussels World's Fair.

Cowles began teaching ceramics and ceramic sculpture in the School for American Craftsmen at RIT in 1951. In 1975 he was presented the Eisenhower Award for Outstanding Teaching.

"As a master teacher, Professor Cowles has inspired and taught an entire generation of American potters," says Johnston. "As a potter, Professor Cowles has been a living example and

role model for young ceramic craftsmen."

His unique pieces embody the disciplined technology of clay and glazes, as well as his own sense of order and creativity. This prolific potter has been a member of the York State Craftsmen and the American Crafts Council since the 1950s.

Fred Meyer, painter and sculptor, has had numerous one-man shows locally, across the state and nationally. His work has been reproduced on the covers of *Time*, *The New York Times Magazine* and *Cosmopolitan*.

Mainly working in terra cotta and bronze, his sculptures are on display at Lincoln Center, New York City; Eastland Mall, Columbus, Ohio, and Marine Midland Bank here in Rochester. In the lobby of the international headquarters of Sarah Coventry Inc., in Newark, N.J., hang two of his acrylic-on-plaster murals.

Meyer has received myriad awards. "Professor Meyer is our Renaissance man. He has been recognized locally, nationally and internationally as a painter, a sculptor, a playwright, a cinematographer, a published author, an illustrator, a lecturer and a master teacher. He is a delightful raconteur," Johnston comments.

Since 1950, Meyer has been teaching drawing, painting and design in the College of Fine and Applied Arts. Currently he is also coordinating the college's graduate studies program. He has previously taught at Cranbrook Academy of Art, Kansas City Art Institute, Wayne University and Alfred University.

Bevier Gallery is located on the first floor of the James E. Booth Memorial Building (College of Fine and Applied Arts). The gallery is open to the public weekdays, 9 a.m. to 4 p.m.; Monday to Thursday, 7 to 9 p.m.; Saturday, 1 to 5 p.m.; and Sunday, 2 to 5 p.m.

Javits to Speak At Eisenhower

Senator Jacob K. Javits has accepted an invitation to deliver the commencement address May 31, 1980, at the ninth commencement exercises at Eisenhower College. Rebecca Wiant, president of Eisenhower's senior class, announced Senator Javits' acceptance today.

"Senator Javits has long been a friend of Eisenhower College," said Joseph D. Coffee, Jr., Eisenhower president. "He played a monumental role in bringing about favorable Congressional action on two major pieces of legislation which established this college as the national memorial to President Eisenhower and enabled it to be built and sustained during its early years. Further, he has proven repeatedly that he is an advocate of the advancement of higher education throughout the country."

The senior U.S. Senator from New York State, Mr. Javits has just announced that he will seek election to his fifth term of office in the Senate. He has represented the people of New York State as Senator since 1957.

Mr. Javits first represented the people of New York as a Congressman from the State's 21st Congressional District during the 80th through 83rd and 85th Congresses.

Members Sought

The RIT chapter of Phi Kappa Phi National Honor Society would like to hear from all members who may have joined the campus in the past few years and are not active. These individuals may contact Dr. Harold Raphael, director of the Packaging Science Department and secretary to Phi Kappa Phi, at x-2278.

REMINDER

Effective May 1, RIT employees will have the opportunity to join Group Health. A representative will be available on March 14 and March 17 between 9 a.m. and 3 p.m. in the 1829 Room to explain the plan and answer questions. Group Health has applied for a rate adjustment and, if approved, will require an increase in March's payroll deductions. RIT continues to participate in this benefit program on a sharing basis. For further information, contact Betty Bianchi, Ext. 2429.

DATEBOOK

March 13—"Thursday Noon at RIT," lecture by Frederick P. Gardner, "Talcott Parsons," 1829 Room, College-Alumni Union, 12:10-12:50 p.m.

Final day, *Paintings by Emily Joseph*, Gallery 1½, Wallace Memorial Library*

Wuthering Heights, 7:30 p.m.+ (I)

March 14-April 6—Recent Work: "Photographs by Ken Berard," Original Gallery, Wallace Memorial Library*

March 14-April 11—"Requiem," drawings/paintings by Gale Brown, Gallery 1½, Wallace Memorial Library*

March 14-April 3—Bevier Gallery honors four artists (see pp. 4-5). Gallery hours: daily 9 p.m.-4 p.m.; Monday through Thursday, 7-9 p.m.; Saturday, 1-5 p.m.; Sunday, 2-5 p.m.

Final day, "Dark Sun," an exhibition of black and white photographs by Nile Root, Faculty Center, Wallace Memorial Library*

Men's and Women's bowling, Cornell, 4 p.m.

Moonraker, 7:30 p.m., 9:45 p.m. and midnight.+ (I)

March 15—Men's and Women's bowling, at Binghamton, 2 p.m.

Despair, 7:30 and 10 p.m.+ (I)

March 18—RITTS Seminar (faculty), 1-2 p.m., Bldg. 1, Room 3197.

Women's Bowling, RIT vs. Wells, 4:30 p.m. Institute Forum: Andrew Young, former U.S. Ambassador to UN, 7 p.m., Clark Gym (\$1; interpreted for deaf).

Fists of Fury, 7:30 p.m.+ (W)

March 19—Classics Night: *The Golden Age of Animated Cartoons*, 7:30 p.m. + (W) free.

March 20—Men's Swimming (NCAA).

The Gold Rush, 7:30 p.m.+ (I)

March 21—Men's Swimming (NCAA)

The Warrior, 7:30 and 10 p.m.; *Mondo Video*, midnight + (I)

March 22—Men's Swimming (NCAA)

Kings of the Road, 7:30 p.m.; *Mondo Video*, midnight + (I)

March 23—*Cat and Mouse*, 7:30 p.m. + (I)

through April 8—*Visions of America: FSA Photographs, 1936-1940*, Gallery 2, Wallace Memorial Library*

*-Library hours: Monday-Thursday, 8 a.m.-11 p.m.; Friday, 8 a.m.-6 p.m.; Saturday, 9 p.m.-6 p.m.; Sunday, noon-9 p.m.

+Talisman Film Festival: (I)=Ingle Auditorium; (W)=Webb Auditorium; \$1.50 unless otherwise indicated.

Coffee Named Chancellor For Eisenhower College

Joseph D. Coffee, Jr., has been appointed to the newly-created position of chancellor of RIT's Eisenhower College, it has been announced by Institute President M. Richard Rose.

Coffee has been associated with Eisenhower College since 1965 and has served the college as president since 1975.

Dr. Rose said the appointment marks the beginning of a new administrative structure for Eisenhower. He said that in coming weeks he expects to complete the definition of Eisenhower's administration by announcing appointments to the positions of executive dean, business manager, and dean of Student Affairs.

Nearly a year ago the boards of trustees of RIT and Eisenhower announced their joint decision to incorporate Eisenhower within RIT as the Institute's 10th college. Within the Institute, Eisenhower is a distinctive degree granting College sponsoring interdisciplinary programs of study in the liberal arts with career and professional focus.

As chancellor of the 10th and youngest college of the Institute, Coffee will be responsible for future development of Eisenhower's educational resources within the framework of RIT. "No one is

more conversant with the total history of Eisenhower College than Joseph Coffee," President Rose said. "He helped to establish the college in Seneca Falls as the national memorial to President Eisenhower, and he has been instrumental in its growth and development for a decade and a half. In his new role as chancellor he will continue as the college's chief representative while taking on new responsibilities interpreting and strengthening the bond between the college and the Institute. We have structured Chancellor Coffee's new responsibilities to allow for much greater interaction with alumni and friends of the college away from the Seneca Falls campus as well as to allow for additional assignments on behalf of the total Institute."

Dr. Rose explained that responsibility for leadership and development of academic programs and personnel at Eisenhower will be delegated to an executive dean who will report to the provost of RIT, Dr. Todd Bullard. Additionally, because Eisenhower is located away from the main RIT campus, the executive dean is expected to have broader responsibility for the day-to-day functioning of the college.

PROFILE

Karlekar Advocate of Energy Conservation

Dr. Bhalchandra Karlekar recently accepted a new appointment as the head of the Mechanical Engineering Department. Karlekar's Feb. 1 appointment followed a nationwide search to fill the position held for the past eight years by Dr. Robert Desmond. Desmond requested to "return to teaching as a full professor in the department where he will also pursue research activities," says Richard A. Kenyon, dean of RIT's College of Engineering.

"Dr. Karlekar was the search committee's unanimous choice," says Kenyon. "He is a superb teacher, excellent administrator and fine scholar, and we look forward to having him serve the College for many years to come," adds Kenyon.

A long-time advocate of energy conservation, Karlekar recently chaired the Institute's Energy Task Force Committee which spent a year analyzing RIT's present energy consumption and developing a plan that could reduce Institute energy use by 20 percent. "If all recommendations are implemented, savings could total up to a million dollars a year," says Karlekar. Modifications and new energy systems could cost up to six and a half million dollars and take between five and seven years to be cost effective. However, the federal government could contribute 50 percent of that cost providing RIT follows regulations developed by the Department of Energy.

Karlekar has been a member of RIT's mechanical engineering faculty since 1966 and is no novice to directing department activities. Two years ago he served as acting head while Desmond was on leave.

As department head, he will continue to teach some of the 360 undergraduate and 15 graduate students who major in mechanical engineering at RIT. "I wouldn't want to give up teaching," he says. "Student contact is a part of my job that I really enjoy."

Karlekar is quite pleased with the department's 100 percent placement rate and attributes it to a good coopera-

tive work program and the growth in demand for mechanical engineers, mostly due to the recent energy crisis. And, for the first time since 1940, more applications have been received from mechanical than electrical engineering students. "The versatility of the mechanical engineer is one of our best selling points," says Karlekar. As one of the most comprehensive of the engineering disciplines, interests range from missile to machine tool design.

Karlekar, a native of Baroda, India, graduated first in his class from the University of Baroda in 1958. He earned a master's and doctoral degree from the University of Illinois, Urbana in 1959 and 1962, respectively.

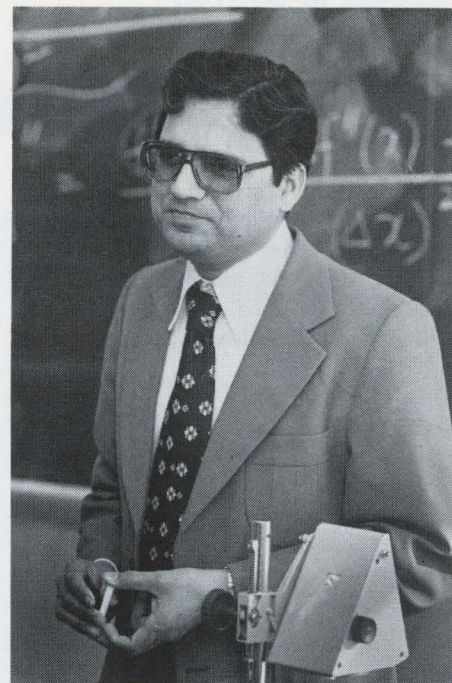
Karlekar's professional interest in the areas of heat transfer and thermodynamics has produced two textbooks. The first book, *Engineering Heat Transfer*, was co-authored with Desmond. His second book, *Thermodynamics*, will be published by Prentice Hall this year.

This interest also led him to his role as chairperson of the RIT Task Force on Energy Consumption.

"Many of the renovations suggested by the committee won't be visible at first glance," he says, "like sealing and weather stripping windows, reinsulating roofs, and recirculating clean air." But one noticeable change could be the installation of a ceiling over 60 percent of the College-Alumni Union skylight. The remaining 40 percent of the skylight would be thermopanned.

Major equipment renovations coming from the committee's report include changing the system of air circulation from a "fixed volume system" to a "variable volume system." "This means," says Karlekar, "that the new variable volume system will sense the need to decrease or increase the air supply in a given room depending on the number of occupants. The present fixed volume system operates without this flexibility and cannot change appropriately."

If you are interested in doing your part in energy conservation on campus, Karlekar feels there are many simple



DR. BHALCHANDRA KARLEKAR

actions that students and staff can perform to aid in this effort. "Get in the habit of turning off lights even if you only plan to leave your office for a few minutes; make sure all windows and doors are closed when you leave a room; check to see if faucets are turned completely off when not in use; and report any malfunction as soon as you discover it," says Karlekar.

Last year, Karlekar returned to India for a sabbatical leave at the Indian Institute of Technology, Bombay, where he guided a Ph.D. candidate and developed a graduate course on radiation heat transfer.

Other department responsibilities include encouraging professional faculty growth, strengthening programs and reinforcing ties with local industries. Working with local industries has been an activity Karlekar has been involved with for many years. He has served as a consultant to Xerox, Eastman Kodak Co., Dollinger Corp., Roehler Engraving Co., Chapin Manufacturing Co. and a score of other local and national firms.



Rochester Institute of Technology

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R. I. T.
COLLECTION

FIRST CLASS

Energy Institute...

Continued from page 1

information center to provide timely information on energy and energy conservation technologies.

"I think we should emphasize the applied nature of this research function," says President M. Richard Rose. "RIT does not intend to enter the theoretical research realm, which our friends at the University of Rochester do so well. This new institute is meant to provide a new resource for research and development in the important area of state-of-the-art energy technology."

IAES will draw on RIT faculty and, in some cases, students to conduct research. It is anticipated that a faculty member involved in this kind of energy research will be given released time to participate in the research project.

"RIT will continue to place primary emphasis on teaching and believes this involvement in applied research will contribute to the educational environment we offer," continues Rose.

The institute will be housed in RIT's James E. Gleason Memorial Building. It will be open to participation from all RIT faculty, students and staff.

"In part we've designed this institute along the lines of RIT's Graphic Arts Research Center," explains Desmond. The Graphic Arts Research Center conducts research in printing technologies for business and industry and runs seminars and workshops on new developments in the printing trade.

The institute has named Dr. Bhalchandra V. Karlekar, P.E., current head of the Mechanical Engineering Department, as associate director of IAES, due to the institute's close technical relationship to the programs and activities of the Mechanical Engineering Department.

The director of the Institute for Applied Energy Studies will also serve as the permanent head of RIT's Energy Committee, a group composed of faculty and

Deans Offer Reactions To Energy Institute

"The Institute for Applied Energy Studies represents less a new departure for RIT than it does formal recognition of the expertise and research activity in energy that has existed for some time on campus. The new institute is intended to lend increased focus to existing energy research and study and, more importantly, to stimulate the development of new research activity in the energy field as RIT seeks to meet its obligation to help seek solutions to the world's long-term energy crisis.

"In keeping with the tradition of RIT as a teaching institution, the new energy research focus will serve as a catalytic mechanism for faculty to enhance their roles as teacher-scholars through new levels of personal scholarship. Simultaneously, new opportunities will become available to both undergraduate and graduate students to participate in broadened learning activities in the applied energy field.

"I am extremely pleased that we will tie together the research activities in energy with the efforts here at RIT to upgrade and enhance our own campus utilization and conservation of energy. Having the director of IAES serve simultaneously as chairman of the RIT Energy Committee means that we can bring together the energy expertise of the faculty and the long experience of our physical plant personnel to the benefit of the entire RIT community. It means that

staff overseeing the campus's own energy conservation program. In this context, RIT will treat its campus as a laboratory for applied research on energy consumption in a large physical plant.

our entire campus, in effect, becomes a practical laboratory for applied energy research."—Dr. Richard A. Kenyon, dean, College of Engineering

"One of the greatest attributes of the proposed institute is its ability to bring together faculty from various disciplines so they may collectively use their expertise in solving very real energy problems. Keeping such research within the RIT community should do much for the communication of scientific and technical data between faculty groups and further increase understanding among participants of what RIT is all about, both personally and academically.

"I am certain that many Institute College faculty will welcome the opportunity to become involved in applied research of the type envisioned with the planning of this program."—Dr. Roy I. Satre Jr., dean, Institute College

"There are many positives associated with the new institute.

"One of the advantages I see is the opportunity to offer faculty released time to work on applied research. So often faculty work on research in addition to a full load of teaching. This overload is difficult.

"Work in the applied research area will strengthen opportunities for our students also. Faculty in the College of Science are accustomed to involving their students in research that is being conducted here. Time and again our students have found this to be one of the outstanding features of an RIT education."—Dr. John D. Paliouas, dean, College of Science