

Jalali

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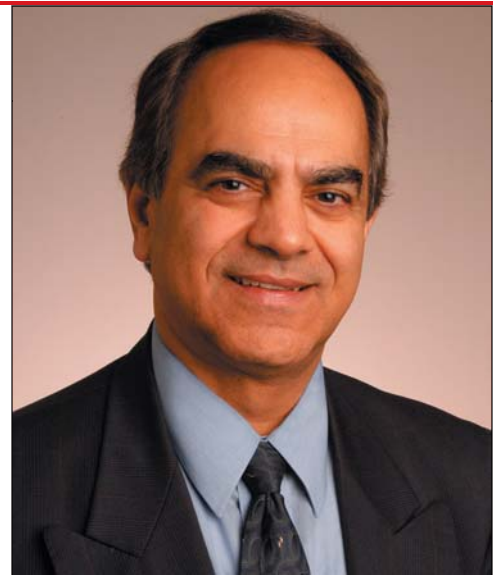
industries can use the lab facilities for research as well. Last year, Canfield Industries utilized the Center's facilities for about three weeks to test a data communication device that was prototyped at their company site. The transmission lines tested now in EFRIC are for automobiles, but, Jalali says, "The tests' results will have many applications for facilitating communications between devices."

Another benefit of the academic partnership agreement is availability of sophisticated finite element analysis software. Delphi owns a full-version license of Ansoft Corporation's High Frequency Structure Simulator (HFSS) package. HFSS is an electromagnetic modeling and simulation software used commercially for the development of radio frequency products such as antennas and coaxial connectors. Jalali says, "The license is very expensive, about \$80,000. Because of the academy partnership agreement, Delphi could provide access to HFSS for use in the classroom and for research. It's a great opportunity."

Initially, the principal project investigator for Delphi was YSU graduate Kin P. Moy, who has since retired from Delphi and joined the faculty of YSU's College of Engineering and Technology. Succeeding Moy at Delphi as principal project investigator is Dr.

Fred Esenwein. Moy continues to participate in the project at YSU. Richard Boyer from Delphi's EMC laboratories has provided technical and instrumentation support for the project from the beginning. These collaborators meet every three weeks at either YSU or Delphi to review their research.

Jalali wryly comments, "Engineering is the required component of life, I believe, but some people say engineers are troublemakers. They create new devices and change the technology." However, our ways of living can be made easier by technological changes, such as those brought to YSU by these engineers' research.



Dr. Jalal Jalali, Chair of the Department of Electrical and Computer Engineering,

Eighth Annual Research Recognition Luncheon

Dr. Peter J. Kasvinsky, Dean of the School of Graduate Studies and Research, was pleased to host and present awards at the Eighth Annual Research Recognition Luncheon. The event was held on November 10 in the Presidential Suite of Kilcawley Center at YSU. Faculty and staff were honored for

activities that contributed to the growth of YSU grants and sponsored programs, research, and scholarship.

The Dean's Awards were presented to faculty members and departments that have demonstrated

(Please see Recognition, page 12)



Recipients of Dean's Awards were honored on November 10, 2005, at the Eighth Annual Research Recognition Luncheon. From left to right are Dr. Tom Oder, Department of Physics and Astronomy; Dr. Gregg Stururus, Department of Physics and Astronomy; and Dr. Rangamohan Eunni and Dr. Rammohan Kasungti, both Department of Management. Congratulations to all!