



**Title:** Impact of ICT on Educational Outcomes

**Date/Time:** Wednesday, July 30, 1:00 PM – 1:45 PM

**Location:** Renaissance Austin Hotel

**Description:** The research on the ICT in education indicates the mixed results on the overall learning outcomes. Studies have demonstrated that provision of computers alone has no effect on learning since learning achievement is a complex process involving policies, human factors, organization of instructional time, teaching/learning strategies etc. ICT that are designed and used to develop specific skill (e.g., problem solving) shows some effect on acquisition of this skill, but good software of this kind of use still are very limited. One however should know that teachers' subject and pedagogical knowledge to incorporate ICT indicates some positive effect on learning outcomes.

**Presenter:**

**Dr. Mohammad Razani** has extensive experience in various fields of technologies spanning from Satellite Communications to Microwave Remote Sensing and Information Technology. Having received BS-EE and MS-EE from Kansas State University and Ph.D. in Electrical Engineering from the University of Kansas, he has utilized his education in various related technologies within the last two decades. Such experience includes years of teaching and research positions in New York City College of Technology of the City University of New York, where he is presently Associate Professor and Chairman of the Electrical and Telecommunications Engineering Technology Department. Dr. Razani has published numerous technical papers and has written a book on "Fundamentals of Satellite Communications" and is working on another book named "Space Technologies, a Promising Platform for Future Achievements." He has also served as Vice Chairman of several Study Groups at International Telecommunication Union (ITU), where he had an active role for more than 12 years during eighties and early nineties. He has coordinated and participated in the development of new telecommunications courses grouped into three categories offered at City Tech. and have submitted another course proposal to City Tech on IP Technology and Applications. Dr. Razani is the recipient of the CUNY Collaborative Research Grant, proposal "Flexible Numerical Radiative Transfer Algorithms for the analysis of Ground Based Sky Radiance Data and Satellite Based Polarized Sun Reflectance Data in Aerosol Monitoring."