

Seminar on Recent trends in Microelectronics

Wednesday, July 12, 3:00 P.M. Seminar Room, 1st Floor, Civil Engineering Building

Microelectronics is related to the study and manufacture of electronic components which are very small. As the size of microelectronic components continue to decrease, previously unimportant deleterious physical effects, called parasitic effects, are magnified. The goal is to compensate for or to minimize these effects, while always delivering smaller, faster, and cheaper devices. In this talk, an overview of Microelectronics, latest trends, application and future will be given.

About the Speaker: Dr. Muhammad Ashraful Alam is a professor of Electrical and Computer Engineering in Purdue University. He did his B.Sc. in EEE from BUET in 1988 and did his Ph.D in 1994 from Purdue. He worked for a long time in Bell Labs, USA. He is interested in theory, simulation, characterization, and compact modeling of semiconductor electronic, optoelectronic, and bio-electronic devices.

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