

# THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI 625 015

Department of Electronics and Communication

Three days workshop on “Solid State Device Modeling”

(November 26-28, 2010)

Date	9.00 – 10.30	10.45 – 12.30	12.30 – 13.15	13.15 -14.45	15.00 – 16.30	16.45 -18.00
November 26, 2010 Friday	Introduction to MOSFET Device	Basic MOSFET Modeling		Advanced MOSFET Modeling	RF Modeling	Exercise - I
November 27, 2010 Saturday	Noise Modeling			BSIM 4 Modeling		Exercise - II
November 28, 2010 Sunday	MOSFET Models	Exercise –III		Effect and Modeling of process variation, Device Mismatch and Quality Assurance		Exercise - IV

**Course Instructors :** *Dr. N. B. Balamurugan, Mr. V. Vinoth Thyagarajan, Mr. V. R. Venkatasubramani, Mrs. K. Kalyani, TCE, Madurai*