Speaker: Mr.Subramani K
Title: Fast and Power Efficient Algorithms for Some Arithmetic Problems.

In this talk, we will discuss algorithms for solving arithmetic problems with the help of tables to obtain the results from left (most significant bit) to right. Such methods may need much less power when implemented on a computer, compared to conventional methods of computation using algorithms which do calculations from right to left. If such tables can be memorized, we could entertain people from a stage by doing seemingly impossible calculations and write the complete answer from left to write. We will also highlight situations in which such methods may need modifications.