INSTITUTE COLLOQUIUM

INDIAN INSTITUTE OF SCIENCE
BANGALORE

PROFESSOR Y. N. SRIKANT
DEPT. OF COMPUTER SCIENCE AND AUTOMATION

will deliver a lecture

on

A TOOL BASKET FOR COMPILER DESIGN

On Thursday, the 8th March, 2001
at 4.00 PM in the Faculty Hall.

The Director
will preside.

All are cordially invited.

Coffee : 5.00 PM
Reception Hall

Prof. S. S. KRISHNAMURTHY
Convener

ABSTRACT

Compilers are an inseparable part of any computer system used for software development. Their design and implementation constitute a major task, requiring theoretical cum engineering tools as also several man-years of work. Further, compiling a program written in a given language to different processors and environments needs different techniques. In this lecture, we shall examine the requirements of various types of compilers, and provide a glimpse of current research efforts in this area.