



# 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.

*Abdul*