

## CSIR Network Project on Mathematical Modelling

Sub Task I : Computational Mechanics for Modelling, Analysis and Design of High-Performance Structures, Materials and Process Applications.

Sub Task II: Multi-scale Modelling Platform for Environmental Forecasting and Management.



## About C-MMACS

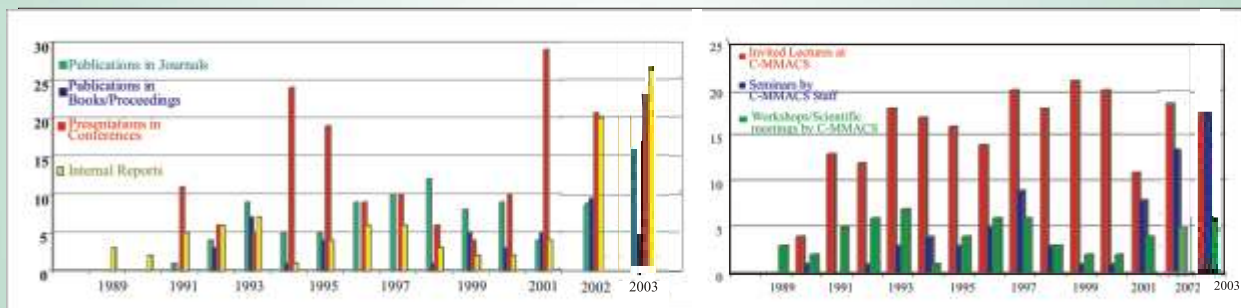
**The Mission:** To play an enabling role by developing wide-ranging capabilities in mathematical modelling and computer simulation. Specifically, C-MMACS aims to

Develop capability for addressing critical issues of scientific significance and societal benefit

Enhance the scope and strength of mathematical modelling through development of new techniques/algorithms etc

Train and develop high-quality man-power in the area of Mathematical Modelling and Computer Simulation

**A Profile:** One of the youngest and the smallest of CSIR laboratories, C-MMACS today is a vibrant and a premier institution of research. It has successfully blended basic and applied research. In spite of a small team of scientists, C-MMACS has maintained a strong profile in scientific output:



**An Invitation:** We at C-MMACS believe that synergy through well-developed scientific collaboration is a key to progress in science and technology. C-MMACS is eager to develop such collaboration for sustained effort in a resource-sharing environment

**The Vision:** The power and scope of mathematical modelling and computing are poised to grow manifold in years to come. C-MMACS would like to play a pivotal role by bringing this emerging technology in its fullest power to the nation

*Give me a (Partial) Derivative, I will Invert the World*

-Isaac Newton

*Modelling for Science  
Modelling for a Better Future*