# 7. R & D PROJECTS : AN OUTLINE (2000-2001)

## Sponsored Projects

1. Determination of material properties of road pavement composite layers from surface measurements–development of mathematical model and software (DST; with CRRI)

2. Determination of crustal deformation of the southern Indian peninsula - A search for seismogenic zones and modelling of its deformation mechanism (DST)

3. Scale interactions in air-land-sea coupled environment and north-east monsoon (ONR (USIF))

4. Hierarchical lattices for nonlinear dynamical models of earthquake processes (DST)

5. A mathematical modelling apporoach to the study of the deformation characteristics of natural fault zones (DST)

6. Indian ocean modelling and dynamics (DOD)

7. Surveying of GPS antenna location at NFTC building (ADA)

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## In-house Projects

1. Complex fluid flow modelling and simulation