

IRDC Meeting -3

Review of Center for Archeology Science and Technology (CAST)

Professor Onkar Dixit presented the activities of CAST, in particular the research activities of archeomaterials and dating laboratories. The major activities involve database formation for monuments. These activities use a number of sophisticated techniques, e.g. GPS, GIS, GPR, and the terrestrial laser scanner. Additional techniques used are thermo-luminescence and optically stimulated-luminescence.

The following major points were discussed:

- 1) It is suggested that the *history of IITK* should be one of the focus area of CAST.
- 2) The faculty members involved in CAST should offer elective courses and NPTEL courses in the general area of archeology.
- 3) One of activities can be in the area of development of indigenous technology in the domains of both software and hardware.