

Kodalkanal Obs Bull (1997) 13, 113

**Spectroscopic Studies of the Solar Corona During Total Solar Eclipse of
October 24, 1995**

**B G Ananda Rao, N.M. Ashok, T Chandrasekhar, J N Desai and M S Nanda Kumar
Physical Research Laboratory, Ahmedabad**

Abstract

We have obtained Fabry-Perot Interferograms of the solar corona during the 1995 total solar eclipse, in two emission lines, Fe X line at 6374Å and Fe XIV line at 5303Å

We have also obtained a Fabry-perot-gram of the corona in the high temperature Ca XV Å line at 569.4 nm. The Ca XV FP-gram showed two concentrated blobs of emission from the equatorial regions of the Sun