S.p.21. MURALEEDHARAN PILLAI, S.–Studies on electroluminiscence using powder and thin film devices–1984–Dr. C.P. Girijavallabhan.

The studies discussed in this thesis were related to the development of some new phosphor materials and their uses in powder and thin film electroluminiscent devices and to their electrical and spectral characteristics. A number of EL phosphors were prepared and their properties studied. Emission spectra, I-V characteristics and B-f characteristics and brightness waves were analysed and a number of new results obtained.