DECLARATION

I hereby declare that this thesis entitled "Spectroscopic investigations of Nd\(^{3+}\), Eu\(^{3+}\), Er\(^{3+}\), Tm\(^{3+}\) and Sm\(^{3+}\) ions in K-Ba-Alphosphate and fluorophosphate glasses" has been carried out by me under the supervision of Prof. C. K. Jayasankar, Department of Physics, Sri Venkateswara University, Tirupati. I further declare that this work is original and has not formed the basis for the award of any Degree, Diploma, Associateship, Fellowship or other similar title of any other Institution.

(R. BALAKRISHNAIAH)

Department of Physics,
Sri Venkateswara University,
Tirupati - 517 502.

31/08/02