

## CERTIFICATE

This is to certify that the thesis titled “ESTIMATION OF  $^{55}\text{Fe}(\text{n}, \alpha) ^{52}\text{Cr}$  CROSS SECTION FROM THRESHOLD TO 20MeV” submitted by Arpitha Ranjith, to St. Aloysius College (Autonomous), Mangalore, for the partial fulfillment of the degree of Masters in Physics, represents a genuine and original body of research conducted under my guidance. I affirm that the contents of this thesis, both in its entirety and in part, have not been previously submitted to any other university or institution in pursuit of any academic qualification.

Dr Chandra Shekhara Shetty T.

Head of the Department

Department of PG Studies and

Research in Physics

St Aloysius College (Autonomous),

Mangalore

**Head**

**Department of Post - Graduate  
Studies & Research in Physics**

**St Aloysius College  
(Autonomous)**

**Mangaluru - 575 003**

Dr Rita Crasta

Assistant Professor

Department of PG Studies and

Research in Physics

St Aloysius College (Autonomous),

Mangalore

