



**HOLY CROSS COLLEGE (AUTONOMOUS)**  
Nagercoil, Tamil Nadu.

Accredited with A+ Grade (CGPA 3.35 - IV Cycle) by NAAC  
Affiliated to Manonmaniam Sundaranar University, Tirunelveli

**CERTIFICATE OF APPRECIATION**

This award is proudly presented to

Dr. M. Anitha Malbi, Head and Associate Professor, Department of Chemistry

**for the Patent Granted / Published**

A novel method for synthesizing metal oxide nanoparticles using  
Cocos nucifera L extract as a reducing and stabilizing agent  
**in the Indian Patent Journal during the year 2023.**

**Dr. Sr. S. Sahayaselvi**

Principal