

**RADIATION SHIELDING SYSTEM IN NUCLEAR POWER  
PLANT USING NICKLE DOPED TIN OXIDE  
NANOPARTICLES**

Under Guidance of

**DR: SRIKANTASWAMY M.Sc, Ph.D.,**

Associate Professor and Co-ordinator,

Department of Materials Science, University of Mysore



Submitted by

**SIVAKUMAR T (18MTS357)**

to the

Center for Materials Science and Technology

University of Mysore

**JAN 2020**



The University of Mysore

**UNIVERSITY OF MYSORE**

**Department of Materials Science**

Date:23/1/2020

**Certificate**

This is to certify that the major project work titled **“Radiation Shielding system in nuclear power plant using Nickle doped Tin oxide Nanoparticles”** is the bona fide Major Project work carried out by **Mr. SIVAKUMAR T** bearing register number-18MTS357, student of **M. Tech in Materials Science, University of Mysore**, in partial fulfillment for the award of the degree of **MASTER OF TECHNOLOGY** in Materials Science.

**Signature of Guide**

**Signature of Examiner**

**Signature of Co-ordinator**

**Dr. S. Srikantaswamy**

**Co-ordinator**

**M. Tech Course in Materials Science**

**Vijnana Bhavan, Manasagangothri**

**Mysore-570 006**