

**GROWTH AND CHARACTERIZATION OF NICKEL DOPED CALCIUM
TARTRATE CRYSTALS**

MAIN PROJECT WORK SUBMITTED IN PARTIAL FULFILLMENT OF THE
REQUIREMENT FOR THE AWARD OF THE DEGREE OF MASTER OF
SCIENCE IN PHYSICS OF
UNIVERSITY OF KERALA



PROJECT REPORT

Submitted by

ARUN A.L.

GUIDED by

Dr.M.ABDUL SALIM



PG & RESEARCH DEPARTMENT OF PHYSICS

TKM COLLEGE OF ARTS AND SCIENCE

KOLLAM

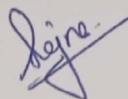
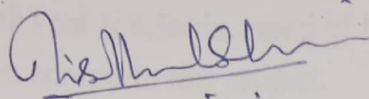
2017

PG AND RESEARCH DEPARTMENT OF PHYSICS
TKM COLLEGE OF ARTS AND SCIENCE
KARICODE, KOLLAM

Certificate

This is to certify that the project report entitled "GROWTH AND CHARACTERISATION OF NICKEL DOPED CALCIUM TARTRATE CRYSTALS" is a bonafide record of the work done by ARUN A L candidate code 15142004 is the student of TKM COLLEGE OF ARTS AND SCIENCE, Karicode, Kollam in partial fulfillment of the requirements for the award of the degree of Master of Science in Physics of University of Kerala during the academic year 2017.

Guided by:



Dr. M. Abdul Salim
Associate Professor(Rtd)
& Research Guide
PG & Research Department of Physics
TKM College of Arts & Science
Karicode ,Kollam

Prof.N.K.Sajna
Head of the department
PG&Research Department of Physics
TKM College of Arts and Science
Karicode
Kollam

Submitted for Viva Voce Examination held at TKM College of Arts and Science, valued with candidate code 15142004.

Examiner1:

Examiner2: