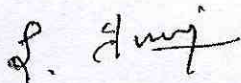


CERTIFICATE

This is to certify that the dissertation entitled “**STRUCTURAL AND MORPHOLOGICAL BEHAVIOR OF NICKEL ION DOPED COBALT ALUMINATE**” submitted to the Karpagam Academy of Higher Education in partial fulfilment to the requirements for the award of the degree of “**Bachelor of Science in Physics**” is a bonafide record of original research work done by “**Hrithik R (17PHU017)**” during the period 2019-20 of their study in the Department of Physics at Karpagam Academy of Higher Education, Coimbatore, under my supervision and guidance and the dissertation has not formed the basis for the award of any Degree/Diploma/Associate/Fellowship or similar title to any candidate of any university.



Signature of Supervisor

Dr. S. Yuvaraj
Assistant Professor



Head of the Department

Dr. E. Siva Senthil
Associate Professor
Head of the Department
Department of Physics
Faculty of Arts, Science and Humanities
Karpagam Academy of Higher Education
Coimbatore – 641 021, Tamil Nadu, India.