



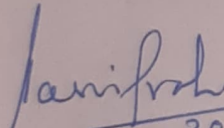
GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
INDIRA GANDHI CENTRE FOR ATOMIC RESEARCH

CERTIFICATE

This is to certify that this project report entitled, "**LUMINESCENCE INVESTIGATION OF URANIUM AND EUROPIUM IN $BaAl_2B_2O_7$ HOST**" submitted by **Mr. J. Jayakanth (Reg. no: 3591001)** to the Department Of Chemistry, Sathyabama University, Chennai, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Chemistry, is a bonafide work carried out by him under the guidance of **Dr.B.S. Panigrahi**.

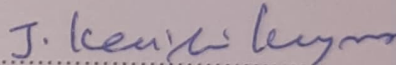
The experimental work was carried out under the supervision of **Dr. Madhusoodanan**. The contents of the dissertation in full or parts have not been submitted to any Institute or University for the award of any other title.

Under the supervision and guidance of


20.01.17

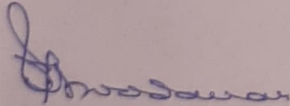
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This is to certify that this project report entitled, "**LUMINESCENCE INVESTIGATION OF CERIUM, DYSPROSIUM AND EUROPIUM IN SrBPO_5 HOST**" submitted by **Mr. B. Karthik (Reg. no: 3591003)** to the Department Of Chemistry, Sathyabama University, Chennai, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Chemistry, is a bonafide work carried out by him under the guidance of **Dr.B.S. Panigrahi**.

The experimental work was carried out under the supervision of **Dr. Madhusoodanan**. The contents of the dissertation in full or parts have not been submitted to any Institute or University for the award of any other title.

Under the supervision and guidance of


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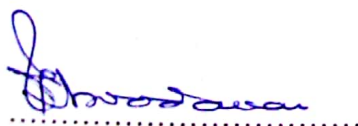
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This is to certify that the project entitled, “STRESS CORROSION CRACKING BEHAVIOR OF COLD WORKED AUSTENITIC STAINLESS STEELS” submitted by Ms. E. Jothilakshmi (Reg. no: 3591002) to the Department of Chemistry, Sathyabama University, Chennai, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Chemistry, is a bonafide work carried out by her under the supervision of Dr. C. Mallika, head, CSTD and guidance of Dr. M.G. Pujar, head, EDMS, CSTD. The experimental work was carried out under the supervision of Dr. Anita Toppo, SO/E, CSTD. The contents of the dissertation in full or parts have not been submitted to any Institute or University for the award of any other title/degree.

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