

**MEASUREMENT OF NATURAL RADIOACTIVITY
IN COMMONLY USED WHITE CEMENT
COLLECTED FROM TAMILNADU AND ITS
RADIATION HAZARDS**

Internship Report

Submitted by

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(Register No: 2023MSCP04)



**DEPARTMENT OF PHYSICS
FATIMA COLLEGE (AUTONOMOUS)**

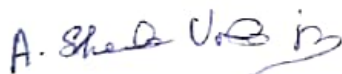
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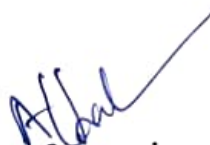
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BONAFIDECERTIFICATE

This is to certify that this internship project report entitled "MEASUREMENT OF NATURAL RADIOACTIVITY IN COMMONLY USED WHITE CEMENT COLLECTED FROM TAMILNADU AND ITS RADIATION HAZARDS" was submitted to Department of Physics Fatima College (Autonomous), Madurai, is a bonafide record of work done by **Ms. D. ASHIKA SHEERIN** " under my supervision from 06-05-2024 to 24-05-2024.



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DECLARATION

I do hereby declare that this dissertation entitled "MEASUREMENT OF NATURAL RADIOACTIVITY IN COMMONLY USED WHITE CEMENT COLLECTED FROM TAMILNADU AND ITS RADIATION HAZARDS" was carried out by **D. ASHIKA SHEERIN** (Reg. No: 2023MSCP04) submitted to the Department of Physics, Fatima College, Madurai in partial fulfillment of the requirements for the award of **MASTER OF SCIENCE** in **PHYSICS**, during the academic year, 2024-2025



D.ASHIKA SHEERIN

(2023MSCP04)

Place: Madurai

Date:

ACKNOWLEDGEMENT

"GLORY TO GOD ALMIGHTY WHO GIVES US THE VICTORY"

We are grateful to **Dr. Sr. G. CELINE SAHAYA MARY**, Principal, Fatima College, Madurai, for permitting us to carry out our internship at Department of Physics, Sri Sivasubramaniya Nadar College of Engineering (Autonomous), Kalavakkam-603110 and also, I would like to thank **Dr. Sr. M. FRANCISCA FLORA**, Secretary, Fatima College, Madurai for her prayers and blessings.

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(D.ASHIKA SHEERIN)

RADIATION PHYSICS LABORATORY

RUN BY

**SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING
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Date: 01.08.2024

Assistant Professor

CERTIFICATE

This is to certify that **D. Ashika sheerin (2023MSCP04)**, Research Centre of Physics, Fatima College (Affiliated to Madurai Kamaraj University), Madurai has successfully completed her Internship under the guidance of **Dr. A. CHANDRASEKARAN**, Assistant Professor, Department of Physics, Sri Sivasubramaniya Nadar College of Engineering (Autonomous), Kalavakkam. She worked on the title **"MEASUREMENT OF NATURAL RADIOACTIVITY IN COMMONLY USED WHITE CEMENT COLLECTED FROM TAMILNADU AND ITS RADIATION HAZARDS"** in Radiation Physics Laboratory, Sri Sivasubramaniya Nadar college of engineering (Chennai) during the period of 06-05-2024 to 24-05-2024.

MARKS OBTAINED: 57/60


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