

MEASUREMENT OF NATURAL RADIOACTIVITY IN SEDIMENT SAMPLES COLLECTED FROM THOOTHUKUDI AND ITS RADIATION HAZARDS

Internship Report

Submitted by

Ms. S. ABISHA

(Register No: 2023MSCP02)



DEPARTMENT OF PHYSICS
FATIMA COLLEGE (AUTONOMOUS)
RE-ACCREDITED WITH 'A⁺⁺' GRADE BY NACC (4th Cycle)

(CGPA: 3.61) in the fourth cycle

MADURAI -625018.

BONAFIDE CERTIFICATE

This is to certify that this internship project report entitled "MEASUREMENT OF NATURAL RADIOACTIVITY IN SEDIMENT SAMPLES COLLECTED FROM THOOTHUKUDI AND ITS RADIATION HAZARDS" was submitted to Department of Physics, Fatima College (Autonomous), Madurai, is a bonafide record of work done by **MS. S. ABISHA** " under my supervision from **06-05-2024** to **24-05-2024**.



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Signature of supervisor

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Signature of HOD

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DECLARATION

I do hereby declare that this dissertation entitled “MEASUREMENT OF NATURAL RADIOACTIVITY IN SEDIMENT SAMPLES COLLECTED FROM THOOTHUKUDI AND ITS RADIATION HAZARDS” was carried out by S. ABISHA (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

Place: Madurai

Date:

S. Abisha.
S. ABISHA

(2023MSCP02)

ACKNOWLEDGEMENT

"GLORY TO GOD ALMIGHTY WHO GIVES US THE VICTORY"

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(S. ABISHA)

RADIATION PHYSICS LABORATORY

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**SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING
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Dr. A. Chandrasekaran

Date: 01.08.2024

Assistant Professor

CERTIFICATE

This is to certify that **S. Abisha (2023MSCP02)**, 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 Siva subramaniya Nadar College of Engineering (Autonomous), Kalavakkam. She worked on the title **"MEASUREMENT OF NATURAL RADIOACTIVITY IN SEDIMENT SAMPLES COLLECTED FROM THOOTHUKUDI 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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