

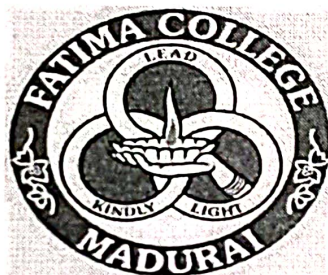
HEAVY METAL ANALYSIS IN KOVALAM SEDIMENT SAMPLES BY X-RAY FLUORESCENCE TECHNIQUE

Internship Report

Submitted by

Ms. S. FAZUL FATHIMA

(Register No: 2023MSCP06)



DEPARTMENT OF PHYSICS

FATIMA COLLEGE (AUTONOMOUS)

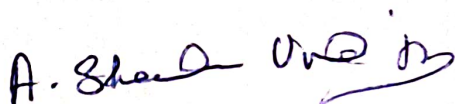
RE-ACCREDITED WITH 'A⁺⁺' GRADE BY NACC (4th Cycle)

(CGPA: 3.61) in the fourth cycle

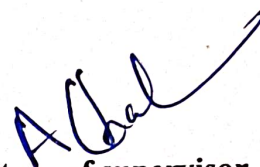
MADURAI-625018.

BONAFIDE CERTIFICATE

This is to certify that this internship project report entitled "HEAVY METAL ANALYSIS IN KOVALAM SEDIMENT SAMPLES BY X-RAY FLUORESCENCE TECHNIQUE" was submitted to Department of Physics, Fatima College (Autonomous), Madurai, is a bonafide record of work done by "Ms. S. FAZUL FATHIMA" under my supervision from 06-05-2024 to 24-05-2024.

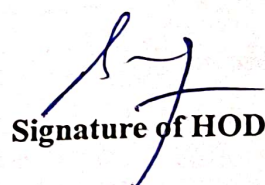


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Signature of supervisor

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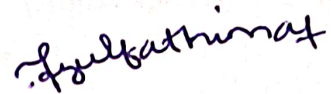


Signature of HOD

(Dr. S. M. M. Kennedy)
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DECLARATION

I do hereby declare that this dissertation entitled “HEAVY METAL ANALYSIS IN KOVALAM SEDIMENT SAMPLES BY X-RAY FLUORESCENCE TECHNIQUE” was carried out by S. FAZUL FATHIMA (Reg. No: 2023MSCP06) 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.



S. FAZUL FATHIMA

(2023MSCP06)

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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I thank my beloved parents **Mr. A. SYED MUTHU MEERA** and **Mrs. S. MEHRAJ BEGAM** for their motivation during this internship and friends for their valuable support.

(S. FAZUL FATHIMA)

RADIATION PHYSICS LABORATORY

RUN BY

**SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING
(AUTONOMOUS)**

Dr. A. Chandrasekaran

Date: 01.08.2024

Assistant Professor

CERTIFICATE

This is to certify that S. Fazul Fathima (2023MSCP06), 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 "HEAVY METAL ANALYSIS IN KOVALAM SEDIMENT SAMPLES BY X-RAY FLUORESCENCE TECHNIQUE" 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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