

Internship Report
GROWTH OF ORGANIC SINGLE CRYSTALS

Submitted by

Ms. B. JEYASHREE

Ms. J. ABARNA

Under the guidance of

Dr. M. Tamil Elakkiya,

Assistant professor,

Department of Physics,

Thiagarajar college of Engineering, Madurai.



DEPARTMENT OF PHYSICS
THIAGARAJAR COLLEGE OF ENGINEERING
(Affiliated to Anna University)
MADURAI - 625015

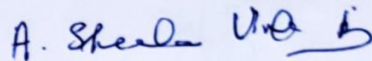
&



THE RESEARCH CENTRE OF PHYSICS
FATIMA COLLEGE (AUTONOMOUS)
MADURAI - 625018

Certificate

This is to certify that the Internship work on **GROWTH OF ORGANIC SINGLE CRYSTALS** submitted by JEYASHREE B (2023MSCP10), ABARNA J (2023MSCP01) under the guidance of Dr.M.Tamil Elakkiya, Assistant Professor, Department of Physics has been submitted as an internship report on 07.06.2024 at Thiagarajar college of engineering, Madurai.



Dr. A. Sheela Vimala Rani,

Head of the Department,

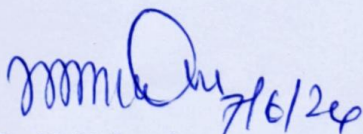
The Research Centre of Physics,

Fatima college (Autonomous),

Madurai - 625 018.

Certificate

This is to certify that the Internship work on **GROWTH OF ORGANIC SINGLE CRYSTALS** done by Abarna J (2023MSCP01), Jeyashree B (2023MSCP10) under the guidance of Dr.M.Tamil Elakkiya, Assistant professor, Department of Physics has been submitted as an internship report on 07.06.2024 at Thiagarajar college of engineering, Madurai.



Dr. M. Mahendran,

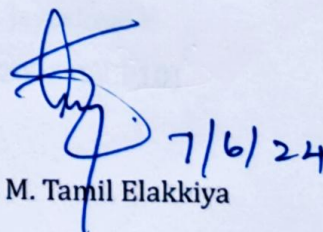
Professor & Head,

Department of Physics,

Thiagarajar college of Engineering,

Madurai - 625015.

Dr. M. MAHENDRAN, Ph.D., PASCH.
Professor and Head
Department of Physics
Thiagarajar College of Engineering
Madurai - 625 015



Dr. M. Tamil Elakkiya

Assistant professor,

Department of Physics,

Thiagarajar college of Engineering,

Madurai - 625015.

DECLARATION

We hereby declare that the dissertation titled on "GROWTH OF ORGANIC SINGLE CRYSTALS ", submitted to Fatima college (Autonomous), Madurai – 625018 to the award of degree of Master of Science in physics is a record of original internship report carried out under the supervision of Dr.M. Tamil Elakkiya, Assistant professor, Department of Physics, Thiagarajar college of engineering, Madurai.

J. Abarna

Abarna J

(2023MSCP01)

B. Jeyashree

Jeyashree B

(2023MSCP10)

Place: Madurai.

Date: 07. 06. 2024

Acknowledgement

I am grateful to mention the people whose constant inspiration, guidance and blessings made my internship work a successful one.

I thank God for his substantial blessings and mercy at all stages of the completion of my internship work. Taking this opportunity, I thank my parents and friends for their sacrifices in supporting me.

I feel honoured to place a warm salutation to the management of **THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI** which gave me the opportunity to have a strong base in physics and practical and theoretical knowledge.

I express my sincere thanks to **THE PRINCIPAL, THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI** for giving me a comfortable environment and extensive support rendered to carry out this Internship work successfully.

It is my immense pleasure to express my heartfelt thanks to **DR.M.MAHENDRAN, PROFESSOR & HEAD, DEPARTMENT OF PHYSICS, THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI** for his valuable guidance and encouragement.

It is my immense pleasure to express my sincere gratitude to **DR.M.TAMIL ELAKKIYA, ASSISTANT PROFESSOR, DEPARTMENT OF PHYSICS, THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI**. I owe my deep sense of gratitude and I feel extremely fortunate to have worked under her.

I like to thank all Faculties and Lab assistants in Department of Physics of Thiagarajar College of engineering Madurai, for their support and valuable suggestions at different stages of this internship work.