

**GROWTH AND CHARACTERIZATION OF PbS THIN FILMS BY  
USING CHEMICAL BATH DEPOSITION METHOD**

A PROJECT REPORT SUBMITTED TO  
**SAVITRIBAI PHULE PUNE UNIVERSITY,  
PUNE**



**FOR THE DEGREE OF  
BACHELOR OF SCIENCE  
IN  
PHYSICS**

**UNDER THE FACULTY OF SCIENCE**

**BY**

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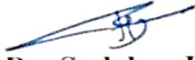
**MARCH-2023**

Seat No.

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**BONAFIDE CERTIFICATE**

This is to certify that the work incorporated in the project report entitled "GROWTH AND CHARACTERIZATION OF PbS THIN FILMS BY USING CHEMICAL BATH DEPOSITION METHOD" submitted to Savitribai Phule Pune University, Pune is benefited work of Miss. Attar Suhana Mehbub of B.Sc. (Physics) during the academic year 2022-23, who carried out the project work under my supervision.



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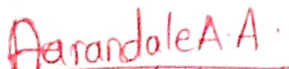
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Place: Sonai

Date: 09/05/2023

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