



CERTIFICATE

This is to certify that the content of this project entitled "**Thickness dependent properties of DC magnetron sputtered tin oxide films**" by

- (1) **Ch. Koteswari**
(2) **T. Manjula**

Regd. No. 220411042007
Regd. No. 220411042001

is the bona fide work of her/him/them submitted to the Department of Physics, Vikrama Simhapuri University, Nellore, for consideration in partial fulfillment of the requirement for the award of Master of Science in Physics.

The research work was carried out by her/him/them under the supervision of **Dr. A. SIVASANKAR REDDY** in the academic year 2023-2024.

Research supervisor

Head of the Department

Examiners: (1)

30/07/2024

(2)

30/7/2024



CERTIFICATE

This is to certify that the content of this project entitled "Studies on PVA/CMC polymer blend films doped with Silver (Ag) nanoparticles derived from plant extract": by

- | | |
|--------------------------------|------------------------|
| (1) Bommanaboyina Nirmal Kumar | Regd, No, 220411042003 |
| (2) Vellugudi Kaveri | Regd, No, 220411042004 |
| (3) Sarvepalli Harshitha | Regd, No, 220411042005 |

Is the bonafied work of her/him/them submitted to the department of Physics, Vikrama Simhapuri University, Nellore, for consideration in partial fulfilment of the requirement for the award of Master of Science in Physics

The research work was carried out by her/him/them under the supervision of Dr. N. O GOPAL, Assistant professor, Department of Physics, Vikrama Simhapuri University, Nellore in the academic year 2023-2024.

Research supervisor

Head of the Department

Examiners: (1)

30/07/2024.

(2)

30/7/2024