

M.Sc. Project List 2023-24

Sr. No.	Student Name	Title of Project	Name of The Guide
1	Mr. Dhere Sopan Shahaji	Synthesis and characterization of Zink Ferrite ($ZnFe_2O_4$) Nanoparticles by Sol-Gel Method.	Prof. Mhaske S. S.
2	Miss. Deshmukh Vidya sunil.	Synthesis and characterization of Fe_2O_3 Thin Films by Spray Pyrolysis.	Dr. Sapkal R. T.
3	Miss. Rakate Supriya ankush.	Synthesis of carbon - based Nickel Hydroxide / Oxide thin film Electrode for Supercapacitor Application by Chemical	Dr. Kulkarni S. B.
4	Miss. Narsale Sonali Santosh.	Synthesis and characterization of Zink Ferrite ($ZnFe_2O_4$) Nanoparticles by Co precipitation and Sol-Gel Method.	Prof. Mhaske S. S.
5	Miss. Pawar Aishwarya Chandrakant.	Synthesis and characterization of WO_3 Thin Films by Spray Pyrolysis Technique (SPT)	Prof. Miss. Bhosale S. E.
6	Miss. Khandekar Nikita Ranjit.	Synthesis and characterization of WO_3 Thin Films by Thermal Evaporation Technique.	Prof. Kakade S. B.
7	Miss. Bankar Snehal Dattatray.	Synthesis of carbon - based Nickel Hydroxide / Oxide thin film Electrode for Supercapacitor Application by Chemical Bath Deposition.	Dr. Kulkarni S. B.



Department of Physics
Tuljaram Chaturchand College, Baramati-413102, Dist-Pune
Affiliated to Savitribai Phule Pune University, Pune.

CERTIFICATE

This is to certify that the project entitled “Synthesis and Characterization of Zinc Ferrite ($ZnFe_2O_4$) Nanoparticles by Sol-Gel Method” is a Bonafide research work carried out by Mr. Dhere Sopan Shahaji, submitted in partial fulfillment for the award of the degree of Master of Science in Physics by Savitribai Phule Pune University, Pune. This work was carried out by her in the Department of Physics, Tuljaram Chaturchand College, Baramati.

Prof. Sujit S. Mhaske
Project Guide

Prof Dr. A.E. Kalange
Head,
Department of Physics

Examiners:

1).....

2).....

DEPARTMENT OF PHYSICS ,
T. C. COLLEGE, BARAMATI

CERTIFICATE

Certified that this project, titled " *SYNTHESIS AND CHARACTERIZATION OF Fe_2O_3 THIN FILMS BY SPRAY PYROLYSIS* " has been successfully completed by

Vidya Sunil Deshmukh 16316

and is approved for the partial fulfillment of the requirements for the degree of "*Master of Science In Physics*" to Savitribai Phule Pune University, Pune. This work was carried out by Department of Physics in T.C. College, Baramati under the guidance of **Dr. R. T. Sapkal**





Dr. R. T. Sapkal
Project Guide



Dr. A. E. Kalange
Head
Department of Physics

Examiners:

1. 
2. 



Department of Physics

T. C. College, Baramati-413102, Dist.-Pune

Affiliated to Savitribai Phule Pune University, Pune.

Certificate

This is certify that **Miss. Supriya Ankush Rakate** has satisfactorily completed the dissertation work entitled, "**Synthesis of carbon-based nickel hydroxide / oxide thin film electrode for supercapacitor application by chemical Bath Deposition**" for the partial fulfillment of the degree of Master of Science (M.Sc.) in Physics, Department of Physics, T. C. College, Baramati under **Savitribai Phule Pune University, Pune** is record of bonafide work carried out by her, under my guidance and supervision in the academic year 2023-24.

Dr. S. B. Kulkarni
Research Guide

Prof. Dr. A. E. Kalange
HOD
Department of Physics

Examiner :- 1. External :

2. Internal :



Department of Physics
Tuljaram Chaturchand College, Baramati-413102, Dist.-Pune
Affiliated to Savitribai Phule Pune University, Pune.

CERTIFICATE

This is to certify that the project entitled "Synthesis and Characterization of Zinc Ferrite ($ZnFe_2O_4$) Nanoparticles by Co precipitation and Sol-gel Method" is a Bonafide research work carried out by Miss Narsale Sonali Santosh, submitted in partial fulfillment for the award of the degree of Master of Science in Physics by Savitribai Phule Pune University, Pune. This work was carried out by her in the Department of Physics, Tuljaram Chaturchand College, Baramati.

Prof. Sujit S. Mhaske.
Project Guide

Prof Dr. A.E. Kalange
Head,
Department of Physics

Examiners:

1)

2)




Department Of Physics

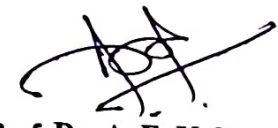
CERTIFICATE


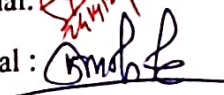
This is to certify that project entitled "Synthesis and characterization of WO_3 thin film by Spray Pyrolysis Technique" which is being submitted herewith for the award of the Degree of Master of Science in Physics at Tuljaram Chaturchand College, Baramati is the result of the original project work completed by Miss. Pawar Aishwarya Chandrakant Under the supervision and guidance of Prof. Ms. S. E. Bhosale.

This is a record of bonafide work carried out by them under my supervision and guidance.

Place: Baramati
Date: 24/04/2024


Prof. S. E. Bhosale
Project Guide


Prof. Dr. A. E. Kalange
Head,
Department of Physics

Examiners:- 1.External: 
2.Internal: 



CERTIFICATE

This is to certify that the project entitled "SYNTHESIS AND CHARACTERIZATION OF WO_3 THIN FILM BY THERMAL EVAPORATION TECHNIQUE" is a Bonafide research work carried out by Miss. Nikita Ranjit Khandekar submitted in partial fulfillment for the award of the degree of Master of Science in Physics by Savitribai Phule Pune University, Pune. This work was carried out by him in the Department of Physics, Tuljaram Chaturchand College of Arts, Science and Commerce Baramati.

Prof. S. B. Kakade
Project Guide

Prof. Dr. A. E. Kalange
Head,
Department of Physics

Examiners:

1).....

2).....



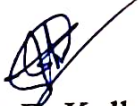
Department of Physics


T. C. College, Baramati-413102, Dist.-Pune


Affiliated to Savitribai Phule Pune University, Pune.

Certificate

This is certify that **Miss. Snehal Dattatray Bankar** has satisfactorily completed the dissertation work entitled, “**Synthesis of carbon-based nickel hydroxide / oxide thin film electrode for supercapacitor application by chemical Bath Deposition**” for the partial fulfillment of the degree of Master of Science (M.Sc.) in Physics, Department of Physics, T. C. College, Baramati under **Savitribai Phule Pune University, Pune** is record of bonafide work carried out by her, under my guidance and supervision in the academic year 2023-24.


Dr. S. B. Kulkarni
Research Guide


Prof. Dr. A. E. Kalange
HOD
Department of Physics

Examinar :- 1. External : 

2. Internal : 