

**List of Students Undertaking Research Project: (M.Sc(Hons.) Physics)**

Date: 9/12/2023

Reference No. : SSBUS/UIS/PS/2023/262(b)

Academic Session: 2022-2023  
Name Of Institute: University Institute of Sciences  
Name Of Department: Physical Sciences  
Total Number of students in the Programme: 3  
Total Number of students undertaking Research Project\*: 3  
Percentage of students undertaking Research Project: 100%

S. No	Program Code	Programme Name	Students Registration No.	Name of the Students	Project Title	Project Duration	Supervisor/ Co-Supervisor	Place where Research was conducted
1	PG037	MSc(H) Physics	21098001	Nancy Bansal	A green approach for the synthesis of tungsten oxide nanoparticles using bacl leaf extract to investigate its photocatalytic properties	July 2022-June 2023	Dr. Honey Sharma / Dr. Mithu Maiti Jana	SBSU
2	PG037	MSc(H) Physics	21098002	Navpreet Kaur	Engineered iron oxide nanoparticles as nano-priming agent for enhancing seed germination and seedling vigour of wheat	July 2022-June 2023	Dr. Honey Sharma / Dr. Mithu Maiti Jana	SBSU
3	PG037	MSc(H) Physics	21098003	Ritu Bala	Photocatalytic degradation of methylene blue by using potassium ferrite nanoparticles	July 2022-June 2023	Dr. Honey Sharma / Dr. Mithu Maiti Jana	SBSU


\*Completion certificate from the organization where the research project was completed is to be submitted as proof.

\*One student involved in multiple field works and/or research projects and/or internship should be counted as one.

\*Report of the field visit / sample photographs of the field visit / permission letter from the competent authority only will be considered.

Signature of Coordinator/In-charge/Head of the Department

Name of Coordinator/In-charge/Head of the Department

  
9/12/2023

for   
9/12/2023

Signature of Dean of Institute  
Name of Dean of Institute

Dr. NISHA SHARMA  
(Dy Dean)

## CERTIFICATE

This is to certify that the present work presented in this project entitled "*A green approach for the synthesis of tungsten oxide nanoparticles using bael leaf extract to investigate its photocatalytic properties*" is the own work of Nancy Bansal, student of M.Sc. (Hons.) Physics of Department of Physical Sciences, Sant Baba Bhag Singh University, Jalandhar, Punjab under my supervision and co-supervision of Dr. Mithu Maiti Jana, Associate Professor in Chemistry. This work has not been submitted earlier to any University/Institution for any research degree to the best of my knowledge

  
12/7/2023

Co-supervisor

Dr. Mithu Maiti Jana

Associate Professor (Chemistry)

Department of Physical Sciences

  
12/7/23  
Supervisor

Dr. Honey Sharma

Assistant professor (Physics)


Department of Physical Sciences

Date: 12/7/23

Place: Jalandhar

## CERTIFICATE

This is to certify that the present work presented in this Project entitled "*Engineered iron oxide nanoparticles as nano-priming agent for enhancing seed germination and seedling vigour of wheat*" is the own work of Navpreet Kaur, student of M.Sc. (Hon's) Physics of Department of Physical Sciences, **Sant Baba Bhag Singh University, Jalandhar, Punjab** under my supervision and co-supervision of Dr. Mithu Maiti Jana, Associate Professor in Chemistry. This work has not been submitted earlier to any University/Institution for any research degree to the best of my knowledge.

  
12/7/2023

Co-supervisor

**Dr. Mithu Maiti Jana**

Associate Professor (Chemistry)

Department of Physical Sciences

  
12/7/23

Supervisor

**Dr. Honey Sharma**

Assistant professor (Physics)

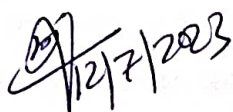
Department of Physical Sciences

Date: 12-07-2023

Place: Jalandhar

## CERTIFICATE

This is to certificate that present work entitled “**PHOTOCATALYTIC DEGRADATION OF METHYLENE BLUE BY USING POTASSIUM FERRITE NANOPARTICLES**” is a bonafide work carried out by **RITU BALA** student of Msc. (Hons) Physics, Department of Physical Sciences, **SANT BABA BHAG SINGH UNIVERSITY JALANDHAR** under my supervision and co-supervision of Dr.Mithu Maiti Jana, Associate Professor in Chemistry. This work has not been submitted earlier to any University/Institution for any research degree to the best of my knowledge.

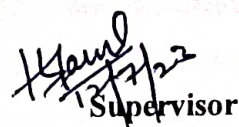


Co-supervisor

**Dr. Mithu Maiti Jana** **Dr. Honey Sharma**

**Associate Professor (Chemistry) Assistant professor (Physics)**

**Department of Physical Sciences Department of Physical Sciences**



Supervisor

**Date: 12-07-23**

**Place: Jalandhar**