

**Expeditious Synthesis of Dibenzobarrelene by Ultrasonication  
promoted Diels-Alder reaction under ambient conditions**

**Project Submitted to the University of Calicut in partial fulfilment of the  
requirement for the Degree of**

**BACHELOR OF SCIENCE IN CHEMISTRY**

**Submitted by**

SHINCY B. : CHAUSCH007  
SHIRIN S. : CHAUSCH008  
SIVANJALY R. : CHAUSCH009  
THITHLI M. : CHAUSCH010  
SREENATH G. : CHAUSCH011  
ABIYA P. : CHAUSCH012

**Under the supervision and guidance of**

**Dr. Nishad K. M.**

Assistant Professor in Chemistry  
Department of Chemistry  
Government College Chittur, Palakkad



**MARCH 2023**

# **INVESTIGATION ON VARIATION OF WATER QUALITY PARAMETERS ACROSS PALAKKAD**

Project Report Submitted to the University of Calicut in partial fulfilment of the  
requirement for the Degree of BACHELOR OF SCIENCE IN CHEMISTRY

By

DIVYAMOL K. SIBY	(CHAUSCH014)
SANDRA N.	(CHAUSCH015)
SNEHA B.	(CHAUSCH017)
SREELAKSHMI J.	(CHAUSCH018)
SRUTHI V.	(CHAUSCH019)
AKHIL RAJ C.R.	(CHAUSCH021)

Under the supervision and guidance of

DR AMBILI. K.U

Guest lecturer

Department of Chemistry

Govt. College Chittur

Palakkad

March 2023



# **ENHANCED DEGRADATION OF METHYLENE BLUE BY ALKALINE HYDROGEN PEROXIDE**

*A project report submitted to the  
University of Calicut  
in partial fulfilment of the requirement for the degree of*

## **BACHELOR OF SCIENCE**

*in*

## **CHEMISTRY**

*By*

**AISWARYA R. (CHAUSCH013)**

**SINI S. (CHAUSCH016)**

**SHOBHITH K. (CHAUSCH023)**

**WASIM FARHAN A. (CHAUSCH024)**

**MUBASHARA A. (CHAUSCH025)**

**PRATHYUSHA P. (CHAUSCH026)**

**NAVEEN JOSE A. (CHAUSCH027)**

*under the supervision and guidance*

*of*

**Dr. ANJU AJAYAN**  
ASSISTANT PROFESSOR  
DEPARTMENT OF CHEMISTRY  
GOVERNMENT COLLEGE CHITTUR



MARCH 2023



DEPARTMENT OF CHEMISTRY  
GOVERNMENT COLLEGE CHITTUR

APRIL 2023

**GREEN SYNTHESIS AND CHARACTERISATION OF  
SALICYLIDENE ANILINE SCHIFF BASE & IT'S ZINC  
COMPLEX**

*Project report submitted to the University of Calicut in partial fulfilment of  
the requirement of the award of the degree of Bachelor in Science*

*Submitted by*

ABHINAYA S	CHAUSCH001
ANIKA K	CHAUSCH002
ANJANA R	CHAUSCH003
DHANYA S NAIR	CHAUSCH004
MIDULAKRISHNAN A	CHAUSCH005
PUNNYA R	CHAUSCH006

Under the guidance and supervision of

Ms. SARANYA K. P.  
ASSISTANT PROFESSOR  
DEPARTMENT OF CHEMISTRY  
GOVERNMENT COLLEGE CHITTUR