

**PHYTOREMEDIATION OF HEAVY METAL (Pb) CONTAMINATED
SOILS BY PULSES : AN APPROACH FOR A SUSTAINABLE
ENVIRONMENT**



The project work submitted to **Andhra Christian College**
is a partial fulfilment for the award of the degree of

Master of Science in Botany

Submitted by

Smily Sharon Vemula

Y23BO 01001

Under the guidance of

Dr. R. Prasanthi, M. Sc., Ph. D

**Department of Botany,
Andhra Christian College
Guntur, A.P., India**

2024



Andhra Christian College

CERTIFICATE

I certify that the project work entitled "Phytoremediation of heavy metal (pb) contaminated soils by pulses: an approach for a sustainable environment" is a bonafide record of project work done by Smily Sharon Vemula (Y22BO 01001) Yesubabu Gummadi (Y23BO 01002), Bala Rupa Lavanya Balusupati (Y23BO 01003), Srikavya Neelam (Y23BO 01004), Shiny Pilli (Y23BO 01005) and Madhuri Nalukurthis (Y23BO 01006) studying Master of Science in BOTANY during 2022-2024 under my guidance. The work is original and has not been submitted in parts or in full, for the award of any other degree.

Guntur

Date: 29-04-2024

R. Prasanthi Kumar
(Dr. R. Prasanthi)
DEPARTMENT OF BOTANY
Andhra Christian College
GUNTUR (A.P.)



Andhra Christian College

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R. Prasanthi Kumar
(Dr. R. Prasanthi)

Project Supervisor

Vasudha
Lakshmi
03/05/2024

D. Phebe Sarah

Head of the Department

Dr. DARSL. PHEBE SARAH, M.Sc, Ph.D.
Professor and Head of the Dept in Botany
and Microbiology
A.C. COLLEGE, GUNTUR

DECLARATION

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Submitted by

Yesubabu Gummadi

Y23BO 01002

Under the guidance of

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Guntur, A.P., India**

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R. Prasanthi Kumar
(Dr. R. Prasanthi)

Project Supervisor

Valued
Amulur
03/05/2024

J. Phebe Sarah

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Submitted by

Srikavya Neelam

Y23BO 01004

Under the guidance of

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Guntur, A.P., India**

2024



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R. Prasanthi Kumar
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Project Supervisor

Valued
Lecturer
03/05/2024

D. Phebe Sarah

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Submitted by

Shiny Pilli

Y23BO 01005

Under the guidance of

Dr. R. Prasanthi, M. Sc., Ph. D

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R. Prasanthi Kumar
(Dr. R. Prasanthi)

Project Supervisor

Valued
Signature
03/05/2024

D. Phebe Sarah
Head of the Department

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Submitted by

Madhuri Nalukurthis

Y23BO 01006

Under the guidance of

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Date: 29-4-2024

R. Prasanthi, Kuni
(Dr. R. Prasanthi)

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(Dr. R. Prasanthi)

Project Supervisor

*Valued
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03/05/2024*

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