

**"A PRELIMINARY SURVEY ON PLANT FUNGAL, BACTERIAL  
AND VIRAL DISEASES OF THREE VILLAGES IN ANANDAPURAM  
(MANDAL), VISAKHAPATNAM, ANDHRA PRADESH."**



Submitted By

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Regd. No.: 722228906001

UNDER THE SUPERVISION OF

**G. Sunil Kumar**

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Project Guide  
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Visakhapatnam

Dissertation Report Submitted To

Department of P.G. Botany,  
Dr. V. S. KRISHNA GOVT. DEGREE & P.G COLLEGE (A)  
(AFFILIATED TO ANDHRA UNIVERSITY), VISAKHAPATNAM FOR  
THE AWARD OF DEGREE OF MASTER OF SCIENCE IN BOTANY

April, 2024

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April, 2024

"APRELIMINARYSURVEYONTHETRUEMANGROVESPECIES IN  
MANGROVE SWAMPS OF MEGHADRIGEDDA SEA CREEK  
VISAKHAPATNAM."



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April,2024

**“A PRELIMINARY SURVEY ON THE TRUE MANGROVE SPECIES  
IN MANGROVE SWAMPS OF MEGHADRIGEDDA SEA CREEK  
VISAKHAPATNAM.”**



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**April, 2024**

**“A STUDY OF MACRO ALGAE (SEA WEED) ON SEA COAST OF  
BHEEMUNIPATNAM, VISAKHAPATNAM, ANDHRA PRADESH.”**



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**April, 2024**

**“A STUDY OF MACRO ALGAE (SEA WEED) ON SEA COAST OF  
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**THE AWARD OF DEGREE OF MASTER OF SCIENCE IN BOTANY**

April, 2024



**STUDY OF ETHNOGRAPHIC PROFILE OF MAJOR TRIBES  
OF ANDHRA PRADESH**

**MUNCHANGIPUTTU AND PADERU**

**PG DEPARTMENT OF BOTANY, Dr. V. S. KRISHNA GOVT . DEGREE AND P.G .  
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**FOR THE AWARD OF THE DEGREE OF MASTER OF  
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**DISSERATION REPORT SUBMITTED TO**

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**(Affiliated to Andhra University), Visakhapatnam.**

**FOR THE AWARD OF THE DEGREE OF MASTER OF  
SCIENCE BOTANY.**

# **A STUDY OF FUNGAL DISEASES ON VARIOUS OIL SEED CROPS**

**This Dissertation has been submitted to Department of Botany, Dr.V.S.Krishna Govt. P.G College (Affiliated to Andhra University) in Partial Fulfilment for the Award of the Degree of Master of Science in Botany**

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**2024**



**STUDY OF FUNGAL DISEASES ON COMMON VEGETABLES OF  
IPPILIVANIPALEM AREA, VISAKHAPATNAM DR.VS. KRISHNA  
GOVT DEGREE(A) & P.G COLLEGE CAMPUS, VISAKHAPATNAM**

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**(Affiliated to Andhra University), Visakhapatnam.**

**FOR THE AWARD OF THE DEGREE OF MASTER OF  
SCIENCE BOTANY.**

**2024**





# **STUDY OF COMMON MEDICINAL PLANT OF PARVATHIPURAM RESION**

**PG DEPARTMENT OF BOTANY Dr.V..S.KRISHNA  
GOVERNMENT DEGREE[A] AND PG COLLAGE OF  
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**DISSERTATION REPORT SUBMITTED TO PG COLLAGE OF BOTANY  
DR.V.S. KRISHNA GOVT.GOV,DEGREE &PG COLLAGE VSP  
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BOTANY 2024.**



# **STUDY OF COMMON MEDICINAL PLANT OF PARVATHIPURAM RESION**

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**DISSERTATION REPORT SUBBMITED TO PG COLLAGE OF BOTANY**

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FOR THE AWARD OF THE DEGREE OF MASTER OF SCIENCE  
BOTANY 2024,**



**STUDY OF FUNGI IN THE RHIZOSPHERE OF KRISHNA  
COLLEGE CAMPUS AT VISAKHAPATNAM.**

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VISAKHAPATNAM FOR THE AWARD OF THE DEGREE OF  
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**2024**





**STUDY OF FUNGI IN THE RHIZOSPHERE OF KRISHNA COLLEGE  
AT VISAKHAPATNAM**

**P.G. DEPARTMENT OF BOTANY**

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FOR THE AWARD OF THE DEGREE OF MASTER OF SCIENCEBOTANY.**

**2024**



**STUDIES ON THE IMPORTANCE VALUE INDEX (IVI) OF WEED  
FLORAIN VISAKHAPATNAM**

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**STUDIES ON THE IMPORTANCE VALUE INDEX (IVI) OF WEED  
FLORAIN VISAKHAPATNAM**

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**FOR THE AWARD OF THE DEGREE OF MASTER OF  
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**STUDIES ON THE MACRO ALGAE OF  
VISAKHAPATNAM COASTAL AREA**

**P.G. DEPARTMENTMENT OF BOTANY**

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**2024**

## **A STUDY OF FUNGAL DISEASES ON VARIOUS PULSE CROPS**

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**2024**

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**2024**



ANDHRA UNIVERSITY  
DEPARTMENT OF BOTANY

M.Sc. BOTANY  
Course Structure (w.e.f. 2020-2021)  
(Modifications in BoS meeting held on 23-10-2020)

S. no.	Paper Code	Paper Name	Internal	Semester end	Total Marks	Credits
<b>1<sup>st</sup> Semester</b>						
<b>Theory</b>						
1.	101	Biology & Diversity of Algae and Bryophytes	20	80	100	4
2.	102	Biology & Diversity of Bacteria, Viruses & Fungi	20	80	100	4
3.	103	Cell Biology of Plants	20	80	100	4
4.	104	Ethnobotany, Medicinal & Aromatic Plants	20	80	100	4
<b>Practicals</b>						
	Practical -I	Biology & Diversity of Algae and Bryophytes & Biology & Diversity of Bacteria, Viruses & Fungi	20	80	100	3
	Practical -II	Cell Biology of Plants & Ethnobotany, Medicinal & Aromatic Plants	20	80	100	3
<b>Total marks and credits for I semester</b>					<b>600</b>	<b>22</b>
<b>2<sup>nd</sup> Semester</b>						
<b>Theory</b>						
1.	201	Genetics	20	80	100	4
2.	202	Molecular Biology	20	80	100	4
3.	203	Biology & Diversity of Pteridophytes & Gymnosperms	20	80	100	4
4.	204	Plant Cell Tissue & Organ Culture	20	80	100	4
<b>Practicals</b>						
	Practical -I	Genetics & Molecular Biology	20	80	100	3
	Practical -II	Biology & Diversity of Pteridophytes & Gymnosperms & Plant Cell Tissue & Organ Culture	20	80	100	3
<b>Total marks and credits for II semester</b>					<b>600</b>	<b>22</b>

3 <sup>rd</sup> Semester						
Theory						
1.	301	Taxonomy of Angiosperms and Plant Resource Utilization & Conservation	20	80	100	4
2.	302	Plant Development and Plant Reproduction	20	80	100	4
3.	303	Plant Ecology	20	80	100	4
4.	304	Plant Physiology	20	80	100	4
Practicals						
	Practical -I	Taxonomy of Angiosperms and Plant Resource Utilization & Conservation & Plant Development and Plant Reproduction	20	80	100	3
	Practical -II	Plant Ecology & Plant Physiology	20	80	100	3
		MOOC -I				2*
		Project				4*
<b>Total marks and credits for III semester</b>					<b>600</b>	<b>22</b>
4 <sup>th</sup> Semester						
Theory						
1.	401	Genetic Engineering of Plants and Microbes	20	80	100	4
2.	402	Evolution and Plant Breeding	20	80	100	4
3.	403	Plant Pathology	20	80	100	4
4.	404	Crop Physiology and Biotechnology	20	80	100	4
Practicals						
	Practical -I	Genetic Engineering of Plants and Microbes & Evolution and Plant Breeding	20	80	100	3
	Practical -II	Plant Pathology & Crop Physiology and Biotechnology	20	80	100	3
		MOOC -II				2*
		Intellectual Property Rights				2*
		Value based soft skills				2*
<b>Total marks and credits for IV semester</b>					<b>600</b>	<b>22</b>
<b>Grand Total marks and credits for all 4 semesters (I,II,III, IV)</b>					<b>2400</b>	<b>88</b>

\* Credits not included in CGPA

Each paper contains 4 theory hours

Each practical contains 12hours.