



**STUDY OF FUNGAL DISEASES ON COMMON VEGETABLES OF
ANANDTHAPURAM AREA, VISAKHAPATNAM**

**PG DEPARTMENT OF BOTANY Dr. V. S. KRISHNA GOVERNMENT
DEGREE (A) AND PG COLLEGE VISAKHAPATNAM**

SUMMITTED BY

YOGITHA RUNKANA

Regd. No:720228906001

UNDER THE SUPERVISION OF

Dr. SUJATHA NORI

Project Guide

PG Department of Botany

**DISSERTATION REPORT SUBMITTED TO P.G. COLLEGE OF BOTANY
DR.V.S.KRISHNA GOVT.DEGREE AND P.G. COLLEGE
VISAKHAPATNAM FOR THE AWARD OF THE DEGREE OF
MASTER OF SCIENCE BOTANY**

2022



**STUDIES ON THE IMPORTANCE VALUE INDEX (IVI) OF WEED
FLORA- IN AND AROUND DR. V. S. KRISHNA GOVT DEGREE (A) &
P.G COLLEGE CAMPUS, VISAKHAPTAM**

Submitted By

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Dr. V. S. Krishna Govt. Degree (A) & P.G College

(Affiliated to Andhra University)

Visakhapatnam

Dissertation Report Submitted To

P.G, Department of Botany,

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FOR THE AWARD OF DEGREE OF MASTER OF SCIENCE IN BOTANY

2022



**STUDIES ON THE COLLECTION OF MACRO ALGAE AT
VISAKHAPATNAM COASTAL AREA**

P.G. DEPARTMENT OF BOTANY

Dr. V.S. Krishna gov. Degree And P.G College

(Affiliated to Andhra University), Visakhapatnam.

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MADDELAPALEM, VISAKHAPATNAM FOR THE AWARD OF THE
DEGREE OF MASTER OF SCIENCEBOTANY.**

2022





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

**PG DEPARTMENT OF BOTANY, Dr. V. S. KRISHNA GOVT. DEGREE AND P.G.
COLLEGE, VISAKHAPATNAM.**

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2022





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

AT ARAKU VALLEY AND PADERU

**PG DEPARTMENT OF BOTANY, Dr. V.S KRISHNA GOVT. DEGREE AND
P.G. COLLEGE, VISAKHAPATNAM**

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2022





MANGEMENT OF FUNGAL DISEASES IN PULSES

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MANGEMENT OF FUNGAL DISEASES IN PULSES

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VISAKHAPATNAM

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2022



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
1st Semester						
Theory						
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
Practicals						
	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
Total marks and credits for I semester					600	22
2nd Semester						
Theory						
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
Practicals						
	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
Total marks and credits for II semester					600	22

3 rd 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*
Total marks and credits for III semester					600	22
4 th 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*
Total marks and credits for IV semester					600	22
Grand Total marks and credits for all 4 semesters (I,II,III, IV)					2400	88

* Credits not included in CGPA

Each paper contains 4 theory hours

Each practical contains 12hours.