

MES ASMABI COLLEGE, P VEMBALLUR

RESEARCH AND PG DEPARTMENT OF BOTANY

Name : Nazeema M K

Research Guide : Dr Sercena K, Assistant Professor, Department of Botany, MES Kalladi College, Mannarkkad

Co Guide : Dr Girija T P, Assistant Professor, Research and PG Department of Botany, MES Asmabi College, P Vemballur.

WORK PLAN

Research Activity/ Month	01-06	07-12	13-18	19-24	25-30	31-36	37-42	43-48	49-54	54-60
Course work										
Review of Literature										
Collection of samples										
Plant collection, identification and herbarium preparation										
Physiochemical Analysis of Collected Samples										
Morphological, Histochemical and Biochemical studies										
Phyto extraction and estimation of heavy metals										
Statistical analysis and data documentation										
Interpretation of data and discussion										
Thesis preparation and submission										

Nazeema M.K.

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Dr. Girija T P

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Dr. GIRIJA. T. P.  
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MES ASMABI COLLGE, P. VEMBALLUR

RESEARCH DEPARTMENT OF BOTANY

TITLE: PRIMING FOR ABIOTIC AND BIOTIC STRESS TOLERANCE IN *ZINGIBER OFFICINALE* Rosc.

Ph.D Programme in Botany

By

SUMITHA THOMAS

Under the supervision of

Dr. JISHA K.C

**WORK PLAN**

Period of study	Time schedule (5x12=60)	Targets
First Year	1-6 Months	Extensive literature survey and course work
	7-12 Months	Collection of seed rhizomes Standardization of different priming agents
Second Year	1-6 Months	Preparation of plot for cultivation. Planting of ginger seed rhizome on the plots.
	7-12 Months	Harvesting Using effective priming agent's abiotic stress tolerance of ginger is analysing through physiological, biochemical and yield parameters.
Third Year	1-6 Months	Using effective priming agents, biotic stress tolerance of ginger is analysing through physiological, biochemical and yield parameters.
	7-12 Months	Attending seminars and work shops Repetition for abiotic stress tolerance of ginger
Fourth Year	1-6 Months	Repetition of experiments of biotic stress of ginger
	7-12 Months	Attending seminars Paper publications
Fifth Year	1-6 Months	Analysis of data Paper publications
	7-12 Months	Compilation of thesis

Signature of the Supervisor

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Signature of Student