## SURVEY OF INDIGENOUS PLANTS IN THIYAGANUR VILLAGE, THALAIVASAL TALUK, SALEM DISTRICT, TAMIL NADU

Dissertation submitted to

## THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE

(Autonomous), TIRUCHIRAPPALLI

(Affiliated to Bharathidasan University, Tiruchirappalli)

In partial fulfillment of the requirement for the award of the Degree of MASTER OF SCIENCE IN BOTANY

Submitted by R. ANBARASAN Reg. No. 20PBO01

Under the guidance of

Dr. G. SUJATHA, M.Sc., Ph.D.,



# DEPARTMENT OF BOTANY THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

(Affiliated to Bharathidasan University) TIRUCHIRAPPALLI – 620 023

**MAY 2022** 

## **VIVA-VOCE EXAMINATION**

The	Project	Viva-Voce	Examination		of	the	candidate
Mr. R. Ant	oarasan (R	egister No. 201	PBO01)	was he	ld at the	e Dept	of Botany,
Thanthai P	eriyar Go	vernment Arts	and S	cience	Colleg	e (Au	itonomous),
Trichy – 620	0 023 on	02-06-2	022				
PG & Resear	MTHA MAR M Sc. M. Associate Prof the Department of Pengar Gover over College (Aut	Phil., Ph.D., essor of fulfill omenia		Signat	ture of t	he Pro	ject Guide
	1<	Di. C	Dr.	D	Research and	Consultan	ry

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#### **CERTIFICATE**

This is to certify that the project work entitled "SURVEY & MEDICINAL PLANTS IN THANTHAI PERIYAR GOVERNMENT ARTS & SCIENCE COLLEGE CAMPUS, TIRUCHIRAPPALLI-23" submitted to the Department of Botany, THANTHAI PERIYAR GOVERNMENT ARTS SCIENCE COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI, in partial fulfilment of the recruitment for the award of MASTER OF SCIENCE for the academic year 2020-2022 is a Bonafide record of original work done by M.ARULMANI under my guidance.

Research Supervisor

Signature of Head of the Department

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The Viva Voce Examination held on 02.06.2022

Signature of the External Examiner

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Date: 31, 05, 2022

CERTIFICATE

This is to certify that the project work entitle "ETHNOBOTANICAL MAILAM HILLS, PLANTS IN SURVEY OF MEDICINAL TAMILNADU" submitted by M. GUNASEKARAN Reg.No. 20PBO04 was carried out under my guidance and supervision in partial fulfillment of Master of Science in Botany during the 2021 - 2022 at P.G. and Research Department of Botany, Thanthai Periyar Government Arts and Science College (Autonmous), Tiruchirappalli-620023.

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## CERTIFICATE

This is to certify that the project work entitle "EFFECT OF COPPER SULPHATE ON SEED GERMINATION AND SEEDLING GROWTH OF BLACK GRAM (Vigna mungo (L.) Hepper) submitted by K.KANNADASAN (20PBO05) was carried out under my guidance and supervision in partial fulfillment of Master of Science in Botany during the academic year 2021 - 2022 at P.G. and Research Department of Botany Thanthai Periyar Government Arts And Science College (Autonmous), Tiruchirappalli.-620023

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## <u>CERTIFICATE</u>

This is to certify that the project work entitled "PHYTOCHEMICAL ANALYSIS OF ETHANOLIC EXTRACT OF KERNEL OF ZEA MAYS L. THROUGH GC-MS" submitted to the Department of Botany, THANTHAI PERIYAR GOVERNMENT ARTS SCIENCE COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI, in partial fulfilment of the recruitment for the award of MASTER OF SCIENCE for the academic year 2020-2022 is a Bonafide record of original work done by P. MOGESH KUMAR under my guidance.

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## **CERTIFICATE**

This is to certify that the project work entitled "SURVEY OF MEDICINAL PLANTS" IN SUBRAMANIYAPURAM, TIRUCHYPPALLI, submitted to the Department of Botany, THANTHAI PERIYAR GOVERNMENT ARTS SCIENCE COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI, in partial fulfilment of the recruitment for the award of MASTER OF SCIENCE for the academic year2020-2022 is a Bonafide record of original work done by S.POOVARASAN under myguidance.

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## **CERTIFICATE**

This is to certify that the project work entitle "EFFECT OF COPPER **SULPHATE** ON **SEED** GERMINATION AND SEEDLING GROWTH OF GREEN GRAM ( Vigna radiata (L) Wilczek.) submitted by J. SASI (20PBO08) was carried out under my guidance and supervision in partial fulfillment of Master of Science in Botany during the academic year 2021 - 2022 at P.G. and Research Department of Botany, Thanthai Periyar Government Arts and Science College (Autonmous), Tiruchirappalli.

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#### CERTIFICATE

This is to certify that the dissertation entitled "ANTI FUNGAL ACTIVITY OF LEAF EXTRACTS OF AZADIRACHTA INDICA" submitted to Thanthai Periyar Government Arts and Science College (Autonomous), Tiruchirappalli in partial fulfillment of requirements for the award of Degree MASTER OF SCIENCE IN BOTANY is a Bonafide work of V. ARULSAKTHI (Reg. No. 20PBO09) who carried out this work under my guidance in the Thanthai Periyar Government Arts and Science College (Autonomous), during the academic year (2020-2022). This dissertation has been prepared in his original work and it has not been submitted for any other Degree.

Place: Tiruchirappalli

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Kajamalai Nagar Tiruchirappalli - 620 023 Head of MARGARET, M Phil .Ph.D.

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Tiruchirappul CONTROLLER OF EXAMIN Examiner

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## VIVA - VOCE EXAMINATION

The M.Sc (BOTANY) project work entitled "Prevalence of major diseases in *Millettia pinnata* (L.) Panigrahi. observed in Tiruchirappalli District" submitted by Ms. P. DEEBA (Reg. No. 20PBO10) has been subjected to VIVA VOCE examination on <u>02-06-2022</u>. The candidate presented the core ideas defending the queries raised.

Internal Examiner

External Examiner

Dr. A. SHAJAHAN, M.Sc., M.Phil., Ph.D.
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## CERTIFICATE

This is to certify that the project work entitled "Dietotherapy for Peptic ulcer - A Brief Review submitted by R.DEEPA (Reg. No. 20PBO11) was carried out for the partial fulfilment of the requirements for the award of Master of Science degree in Botany during the period 2021-2022 in Department of Botany, Thanthai Periyar Govt. Arts and Science College (Autonomous), Trichy.

I further certify that no part of the thesis has been submitted anywhere for the award of any Degree, Diploma, Associateship, Fellowship or any other similar title to any candidate.

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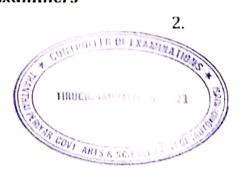
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#### **Examiners**



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#### CERTIFICATE

This is to certify that the dissertation entitled "COMPARATIVE PHARMACOGNOSTIC STUDIES OF GENUINE AND COMMERCIAL SAMPLES OF INDIGOFERA TINCTORIA L." submitted to Thanthai Periyar Government Arts and Science College (Autonomous), Tiruchirappalli in partial fulfillment of requirements for the award of Degree MASTER OF SCIENCE IN BOTANY is a Bonafide work of S. JAYABHARATHI (Reg. No. 20PBO12) who carried out this work under my guidance in the Thanthai Periyar Government Arts and Science College (Autonomous), during the academic year (2020-2022). This dissertation has been prepared in his original work and it has not been submitted for any other Degree.

Place: Tiruchirappalli

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#### **CERTIFICATE**

This is to certify that the project work entitled "PHYTOCHEMICAL ANALYSIS OF ETHANOLIC EXTRACT OF LEAF OF TABERNAEMONTANA divaricata L. THROUGH GC-MS" submitted to the Department of Botany, THANTHAI PERIYAR GOVERNMENT ARTS SCIENCE COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI, in partial fulfilment of the recruitment for the award of MASTER OF SCIENCE for the academic year2020-2022is a Bonafide record of original work done by M KEERTHI under myguidance.

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Signatine of the External Examiner

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## **CERTIFICATE**

This is to certify that the project work entitled 'ETHNOBOTANICAL SURVEY OF MEDICINAL PLANTS IN MANGATHEVANPATTI, KULATHUR TALUK PUDUKKOTTAI DISTRICT' submitted by M.PRAVEENA (Reg. No. 20PBO14) was carried out for the partial fulfillment of the requirements for the award of Master of Science degree in Botany during the period 2021-2022 in Department of Botany, Thanthai Periyar Govt.Arts And Science College Autonomous), Trichy.

I further certify that no part of the thesis has been submitted anywhere for the award of any Degree, Diploma, Associateship, Fellowship or any other similar title to any candidate.

**Project Guide** 

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Head of the Department

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This is to certify that the project work entitled "PHYTOCHEMICAL ANALYSIS OF ETHANOLIC EXTRACT OF FLOWER OF TABERNAEMONTANA DIVARICATA L. THROUGH GC-MS" submitted to the Department of Botany, THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI, in partial fulfilment of the recruitment for the award of MASTER OF SCIENCE for the academic year 2020-2022 is a Bonafide record of original work done by S. SELVAKUMARI under my guidance.

Puby Psuiskilla Research Supervisor

Signature of Head of the Department

The Viva Voce Examination held on.....

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Signature of the External Examiner