

**Annai College of Arts & Science**

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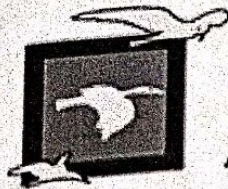
## DEPARTMENT OF CHEMISTRY

### M.Sc., Student Project Details

**SUBJECT CODE: P16CHEPW**

**2020-2021**





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Department of Chemistry

Date: 14.12.2020

**Minutes of Meeting For Project Elective List**

The Department Meeting was Held in the Chemistry Staff Room Dated on 14<sup>th</sup> December 2020 at 2.00pm

**Agenda:**

- Project Discussion
- Guide List
- Guideline Regarding Project Work
- Review Dates

**Faculty Presence:**

S.No	Faculty	Signature
1	Dr. A.Nepolraj	
2	Dr. V.Mala	
3	Dr. D.Thirumoolan	
4	Mr. M. Sathiyaseelan	
5	Dr. K.Prabakaran	
6	Mrs. M.RubalaMary	
7	Mrs. J.Jeyaseeli Rebeckal	

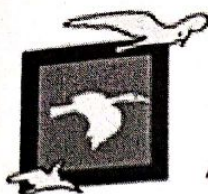
**Resolution:**

- Resolved to give detail information about the project to the students
- Resolved by allocating list of faculty with their ward for effective project guidance
- Resolved by giving proper guideline to prepare/collect starting material to their project work
- Resolved to follow up the review dates as per the schedule dates.

HOD

Head of the Department  
Department of Chemistry  
Annai College of Arts and Science  
Kovvathur, Kumbakonam - 612 008





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## Department of Chemistry

### Allotment of Guide & Student List

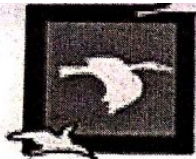
Batch: 2018-2020

S.No	Guide	Students
1	Dr. A.Nepolraj	1. DEVA D 2. JESUYA R
2	Dr. V.Mala	1. KOKILA MARY R 2. BRINDHA R
3	Dr. D. Thirumoolan	1. RAGHAPPAVEENA R 2. MARY CHITRA J
4	Dr. M. Sathiyaseelan	1. ARULMOZHI A 2. DIVYA M
5	Dr. K.Prabakaran	1. ABINAYA G 2. TAMIL BARANI N
6	Mrs. M.RubalaMary	1. RAMYA S
7	Mrs. J.Jeyaseeli Rebeckal	1. DURKA DEVI M

HOD

Head of the Department  
Department of Chemistry  
Annai College of Arts and Science  
Kovvachan, Kumbakonam - 612 003





**Department of Chemistry**

**Project Review Details/ II-M.Sc., Chemistry/ Batch 2019-21**

**Subject: Project Work**

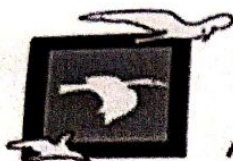
**Sub.Code: P16CHPW**

Month	Date	Review	Details	Mark Allocation
December	21.12.2020	0 <sup>th</sup> Review	Literature survive	5
January	06.01.2021	First Review	Preparation of Starting Material/ Collection of Plant Material	5
February	15.02.2021	Second Review	Synthesis/ Isolation of Final Product	10
March	03.03.2021	Third Review	Characterization of Final Product	10
March	13.03.2021	Fourth Review	Discussion & Pre Viva	10
March	31.03.2021	Project Submission		

  
**HOD**

Head of the Department  
Department of Chemistry  
Anna College of Arts and Science  
Kovvachan, Kumbakonam - 612 005





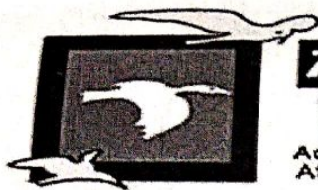
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Affiliated to Bharathidasan University, Tiruchirappalli. E-mail: acasdmn@gmail.com

S.No	Name	Reg.No	21.12.20	06.01.21	15.02.21	03.03.21	13.03.21	31.03.21
1	ABINAYA G	P 19161501	X	X	X	X	X	X
2	ARULMOZHI A	P 19161502	X	a	X	X	X	X
3	BRINDHA R	P 19161503	X	x	x	X	X	X
4	DEVA D	P 19161504	X	x	x	X	X	X
5	DIVYA M	P 19161505	X	x	x	X	X	X
6	DURKA DEVI M	P 19161506	X	X	X	X	X	X
7	JESUYA R	P 19161507	X	X	X	X	X	X
8	KOKILA MARY R	P 19161508	X	X	a	X	X	X
9	MARY CHITRA J	P 19161509	X	X	X	a	X	X
10	RAGHAPRAVEENA R	P 19161510	X	X	X	a	X	X
11	RAMYA S	P 19161511	X	X	X	X	X	X
12	TAMIL BARANI N	P 19161512	X	X	X	X	X	X
Total No. of Present			12	11	11	10	12	12
Total No. of Absent			NIL	01	01	02	NIL	NIL
Faculty Sign			<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

*[Signature]*  
**HOD**  
Head of the Department  
Department of Chemistry  
Anna College of Arts and Science  
Korachchi, Kumbakonam - 614 003








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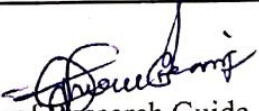


DEPARTMENT OF CHEMISTRY  
M.Sc - Student Project Details - 2021

Name of the Guide: **Dr A NEPOLRAJ**

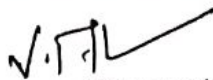
S.No	Name	Reg.No	Title of the Project
1	<b>R. JESUYA</b>	P 19161507	FISHER-INDOLE METHODOLOGY FOR SYNTHESIS OF INDOLOACRIDINE COMPOUNDS
2	<b>D. DEVA</b>	P 19161504	A RESOURCEFUL TECHNIQUE FOR SYNTHESIS OF 3-INDOLOYLQUINOLINE -2,4-DIOL
			 Signature of Research Guide

Name of the Guide: **Dr D THIRUMOOLAN**

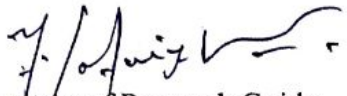
S.No	Name	Reg.No	Title of the Project
1	<b>R. RAGAPPRAVEENA</b>	P 19161510	EFFECT OF Bete-CYANO GROUPS ON THE NON-PLANARITY OF THE PORPHYRINS- COMPUTATIONAL STUDY
2	<b>J. MARY CHITRA</b>	P 19161509	SYNTHESIS AND STRUCTURAL OF SCHIFF BASE DERIVATIVES CONTAINING BENZIMIDAZOLE MOIETY
			 Signature of Research Guide



Name of Guide: **Dr. V MALA**

S.No	Name	Reg.No	Title of the Project
1	R. KOKILA MARY	P 19161508	SYNTHESIS, CHARACTERIZATION OF BENZIMIDAZOLE CONTAINING SCHIFF BASE DERIVATIVES AND THEIR ANTIMICROBIAL ACTIVITY
2	R. BRINDHA	P 19161503	IN-VITRO AND <i>INSILICO</i> EVALUATION OF ANTIMICROBIAL AND ANTIDIABETIC ACTIVITY OF ARTEMISIA PALLENS PLANT
			 Signature of Research Guide

Name of the Guide: **Dr M SATHIYASEELEN**

S.No	Name	Reg.No	Title of the Project
1	M. DIVYA	P 19161505	AN ELEGANT SYNTHESIS AND SPECTRAL CHARACTERIZATION OF PYRAZOLYLQUINOLINE DERIVATIVE
2	A ARULMOZHI	P 19161502	A FACILE SYNTHESIS AND SPECTRAL CHARACTERIZATION OF PYRAZOLY QUINOLINE DERIVATIVES
			 Signature of Research Guide

Name of the Guide: **Dr K PRABAKARAN**

S.No	Name	Reg.No	
1	G. ABINAYA	P 19161501	ISOLATION IDENTIFICATION AND ANTI-BACTERIAL STUDIES OF PHYTOCHEMICALS PRESENT IN THE FLOWER OF <i>BAUHINA BEAKEANA</i>

## CERTIFICATE

This is to certify that the dissertation entitled "A FISHER-INDOLE STRATEGY FOR SYNTHESIS OF INDOLOACRIDINE ALKALOIDS" submitted to Bharathidasan University in partial fulfilment of the requirements for the award of Master of Science in Chemistry is a record of original project done by

**Miss.R. JESUYA**

(Reg. No. P19161507)

2020-21, During the period of her study in Department of Chemistry, Annai College of Arts and Science, Kovilacheri, Kumbakonam under my supervision and guidance.

  
Signature of Guide / Supervisor

Head of the Department  
Department of Chemistry  
Annai College of Arts and Science  
Kovilacheri, Kumbakonam - 612 503

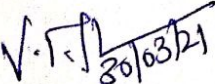
  
Dr. S.P. MANICKA VASUGA  
M.Com., M.Phil., M.B.A., Ph.D.  
Principal,  
Annai College of Arts & Science  
Kovilachery, Kumbakonam - 612 503

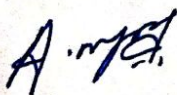
  
Head of Department

Head of the Department  
Department of Chemistry  
Annai College of Arts and Science  
Kovilacheri, Kumbakonam - 612 503

Dissertation submitted to the viva-voce examination held on 30/3/2021 at Department of Chemistry, Annai College of Arts and Science, Kovilacheri, Kumbakonam.

**Examiners:**

1.   
30/03/21

2. 



## CERTIFICATE

This is to certify that the dissertation entitled "AN EFFICIENT METHOD FOR SYNTHESIS OF INDOLOYLQUINOLINE ALKALOIDS" submitted to Bharathidasan University in partial fulfilment of the requirements for the award of Master of Science in Chemistry is a record of original project done by

**Mr. D. DEVA**

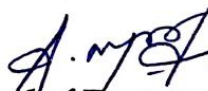
(Reg. No. P19161504)

2020-21 During the period of her study in Department of Chemistry, Annai College of Arts and Science, Kovilacheri, Kumbakonam under my supervision and guidance.

  
**Signature of Guide / Supervisor**

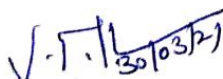
Head of the Department  
Department of Chemistry  
Annai College of Arts and Science  
Kovilacheri, Kumbakonam - 612 503.

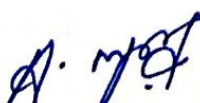
**Dr. S.P. MANICKA VASU**  
M.Com., M.Phil., M.B.A., Ph.D.  
Principal,  
Annai College of Arts & Science  
Kovilachery, Kumbakonam - 612 503

  
**Head of Department**  
Head of the Department  
Department of Chemistry  
Annai College of Arts and Science  
Kovilacheri, Kumbakonam - 612 503

Dissertation submitted to the viva-voce examination held on... 30/3/2021 ..... at  
Department of Chemistry, Annai College of Arts and Science, Kovilacheri,  
Kumbakonam.

**Examiners:**

1.  30/3/2021

2. 

 30/3/2021



## CERTIFICATE

This is to certify that the dissertation entitled "EFFECT OF  $\beta$ -CYANO GROUPS ON THE NON-PLANARITY OF THE PORPHYRINS -COMPUTATIONAL STUDY" submitted to the Bharathidasan University in partial fulfillment of the requirements for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY is a record of original project done by

**R.RAGHAPPAVEENA**

**REG.NO. P 19161510**

During the period of hir study in Department of Chemistry, Annai College of Arts And Science, Kovilacheri, under my supervision and guidance.

  
SIGNATURE OF THE GUIDE/ SUPERVISOR

**Dr.D.THIRUMOOLAN, M.Sc., M.Phil., Ph.D.,**  
Asst. Professor  
Department of Chemistry  
Annai College of Arts & Science  
Kovilacheri, Kumbakonam.

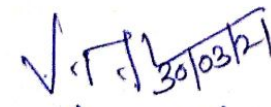
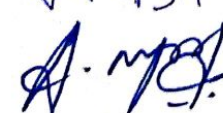
  
HEAD OF DEPARTMENT

  
PRINCIPAL

**Dr. S.P. MANICKA VASUGI,**  
M.Com., M.Phil., M.B.A., Ph.D.,  
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Annai College of Arts & Science  
Kovilachery, Kumbakonam - 612 503

Dissertation submitted to the viva-voce examination held on 30.3.2021 at Department of Chemistry, Annai College of Arts and Science-Kovilacheri.

Examiners:

- 1)  30/03/21
- 2) 



## CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND STRUCTURAL ANALYSIS OF SCHIFF BASE DERIVATIVES CONTAINING BENZIMIDAZOLE MOIETY" submitted to the Bharathidasan University in partial fulfillment of the requirements for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY is a record of original project done by

**J. MARYCHITRA**

**REG.NO. P 19161509**

During the period of his study in Department of Chemistry, Annai College of Arts And Science, Kovilacheri, under my supervision and guidance.

  
SIGNATURE OF THE GUIDE/ SUPERVISOR

**Dr. D. THIRUMOLAN, M.Sc., M.Phil., Ph.D.,**  
Asst. Professor  
Department of Chemistry  
Annai College of Arts & Science  
Kovilacheri, Kumbakonam.

  
HEAD OF DEPARTMENT

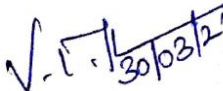
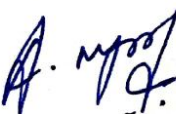
**Head of the Department**  
Department of Chemistry  
Annai College of Arts and Science  
Kovilacheri, Kumbakonam - 612 503

  
PRINCIPAL

**Dr. S.P. MANICKA VASUGI,**  
M.Com., M.Phil., M.B.A., Ph.D.,  
Principal,  
Annai College of Arts & Science  
Kovilachery, Kumbakonam - 612 503

Dissertation submitted to the viva-voce examination held on 30.2.2021 at Department of Chemistry, Annai College of Arts and Science-Kovilacheri.

Examiners:

- 1)  30/3/21
- 2) 



# CERTIFICATE

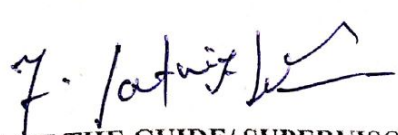
This is to certify that the dissertation entitled "AN ELEGANT SYNTHESIS AND SPECTRAL CHARACTERIZATION OF PYRAZOLY QUINOLINE DERIVATIVE" submitted to the Bharathidasan University in partial fulfillment of the requirements for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY is a record of original project done by

M.DIVYA

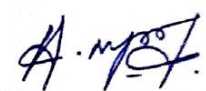
REG.NO. P 19161505

During the period of her study in Department of Chemistry, Annai College of Arts And Science-Kovilacheri, under my supervision and guidance.

SIGNATURE OF THE GUIDE/ SUPERVISOR

  
Dr. M. SATHIYASEELAN, M.Sc., PND,  
Assistant Professor in Chemistry,  
Annai College of Arts & Science  
Kovilacheri, Kumbakonam - 612 503.

HEAD OF DEPARTMENT

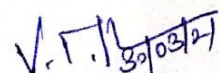
  
Head of the Department  
Department of Chemistry  
Annai College of Arts and Science  
Kovilacheri, Kumbakonam - 612 503

  
PRINCIPAL

Dr. S.P. MANICKA VASUGI,  
M.Com., M.Phil., M.B.A., Ph.D.,  
Principal,  
Annai College of Arts & Science  
Kovilachery, Kumbakonam - 612 503

Dissertation submitted to the viva-voce examination held on 30/3/2024 at Department of Chemistry, Annai College of Arts And Science-Kovilacheri.

Examiners:

1) 

2) 





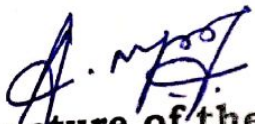
## CERTIFICATE


I hereby certify that the dissertation entitled "GREEN BIOSYNTHESIS AND CHARACTERIZATION OF TIN OXIDE ( $\text{SnO}_2$ ) NANOPARTICLES USING ARTEMISIA PALLENS LEAF AND SYZYGIUM CUMINI SEEDS AQUEOUS EXTRACT" submitted to university, for the award of degree of Master of Science in Chemistry embodies the result of bonafide research work carried out by

S.RAMYA

(Reg.No: P19161511)

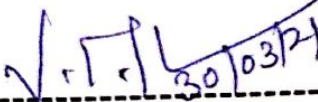
Under my guidance and supervision in the Annai College of Arts & Science Kovilacheri, Kumbakonam (Affiliated to Bharathidasan University, Trichirapalli). I further certify that under such help or source of information have been availed in this connection is duly acknowledged and that no part of the thesis has been submitted anywhere else for any other degree, diploma, fellowship or their similarities.

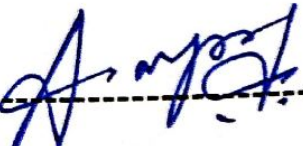
  
Signature of the HOD  
Head of the Department  
Department of Chemistry  
Annai College of Arts and Science  
Kovilacheri, Kumbakonam - 612 503.

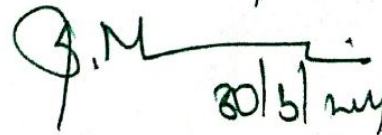
  
Signature of the Guide

Submitted for Viva Voce examination held on 30.3.2021

## Examiners

1.   
-----

2.   
-----

  
Dr. S.P. MANICKA VASUGI,  
M.Com., M.Phil., M.B.A., Ph.D.,  
Principal,  
Annai College of Arts & Science  
Kovilachery, Kumbakonam - 612 503



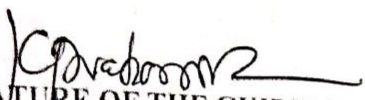
# CERTIFICATE

This is to certify that the dissertation entitled "PHYTOCHEMICAL AND PHARMACOLOGICAL STUDIES OF *Swietenia mahagoni*" submitted to the Bharathidasan University in partial fulfillment of the requirements for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY is a record of original project done by

N.TAMIL BARANI

REG.NO. P 19161512

During the period of her study in Department of Chemistry, Annai College of Arts And Science- Kovilacheri, under my supervision and guidance.

  
SIGNATURE OF THE GUIDE/ SUPERVISOR

Dr. K. PRABAKARAN, M.Sc., M.Ed., Ph.D.,  
Assistant Professor in Chemistry,  
Annai College of Arts & Science,  
Kovilacheri, Kumbakonam - 612 503.

  
HEAD OF DEPARTMENT

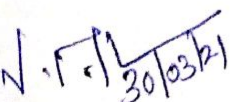
Head of the Department  
Department of Chemistry  
Annai College of Arts and Science  
Kovilacheri, Kumbakonam - 612 503.

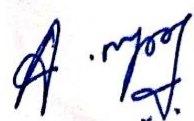
  
PRINCIPAL

Dr. S.P. MANICKA VASUGI,  
M.Com., M.Phil., M.B.A., Ph.D.,  
Principal,  
Annai College of Arts & Science  
Kovilachery, Kumbakonam - 612 503

Dissertation submitted to the viva-voce examination held on 30.3.2024 at Department of Chemistry, Annai College of Arts And Science-Kovilacheri.

Examiner  
s:

1)   
30/3/24

2) 



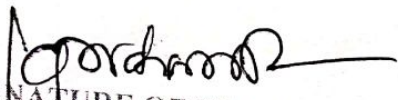
# CERTIFICATE

This is to certify that the dissertation entitled "Isolation, identification and anti-bacterial studies of phytochemicals present in the flowers of Bauhinia blakeana" submitted to the Bharathidasan University in partial fulfillment of the requirements for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY is a record of original project done by

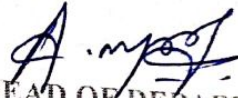
ABINAYA G

REG.NO. P 19161501

During the period of her study in Department of Chemistry, Annai College of Arts And Science-Kovilacheri, under my supervision and guidance.

  
SIGNATURE OF THE GUIDE/ SUPERVISOR

**Dr.K. PRABAKARAN, M.Sc., M.Ed., Ph.D.,**  
Assistant Professor in Chemistry,  
Annai College of Arts & Science,  
Kovilacheri, Kumbakonam - 612 503.

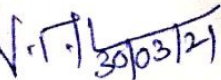
  
HEAD OF DEPARTMENT  
Head of the Department  
Department of Chemistry  
Annai College of Arts and Science  
Kovilacheri, Kumbakonam - 612 503

  
PRINCIPAL

**Dr. S.P. MANICKA VASUGI,**  
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Dissertation submitted to the viva-voce examination held on 30/3/2021 at Department of Chemistry, Annai College of Arts And Science-Kovilacheri.

Examiner  
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1)  30/3/21

2) 

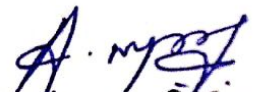


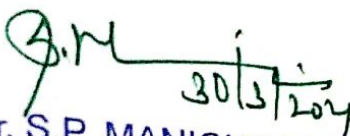
# CERTIFICATE

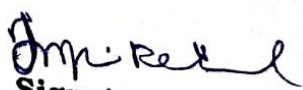
I hereby certify that the dissertation entitled "SYNTHESIS, MOLECULAR STRUCTURE, DFT STUDIES, MOLECULAR DOCKING AND ANTIMICROBIAL ACTIVITIES OF NOVEL 2, 2'-((1E, 1'E) - PHENAZINE - 2, 3 - DILBIS (AZANYLYLIDENE))-BIS-(METHANYLYLIDENE)) DIPHENOL DERIVATIVE" submitted to university, for the award of degree of Master of Science in Chemistry embodies the result of bonafide research work carried out by

**M.DURKA DEVI**  
(Reg.No: P19161506)

Under my guidance and supervision in the Annai College of Arts & Science Kovilacheri, Kumbakonam (Affiliated to Bharathidasan University, Trichirapalli). I further certify that under such help or source of information have been availed in this connection is duly acknowledged and that no part of the thesis has been submitted anywhere else for any other degree, diploma, fellowship or their similarities.

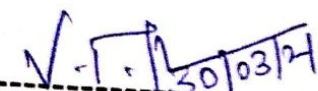
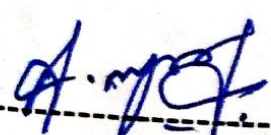
  
**Signature of the HOD**  
Head of the Department  
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Submitted for Viva Voce examination held on 30/3/2021

## Examiners

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I hereby certify that the dissertation entitled "IN VITRO AND IN SILICO EVALUATION OF ANTIMICROBIAL AND ANTIDIABETIC ACTIVITY OF ARTEMISIA PALLENS PLANT" submitted to university, for the award of degree of Master of Science in Chemistry embodies the result of bonafide research work carried out by

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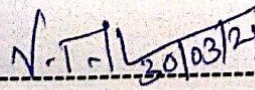

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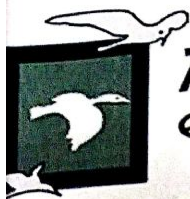
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30/9/2021

  
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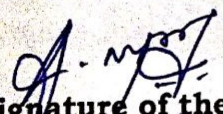
Accredited by NAAC with "B" Grade

## CERTIFICATE

I hereby certify that the dissertation entitled "SYNTHESIS, CHARACTERIZATION OF BENZIMIDAZOLE CONTAINING SCHIFF BASE DERIVATIVES AND THEIR ANTIMICROBIAL ACTIVITY" submitted to university, for the award of degree of Master of Science in Chemistry embodies the result of bonafide research work carried out by

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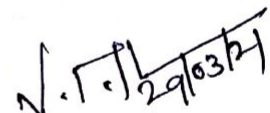
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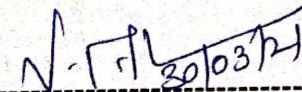
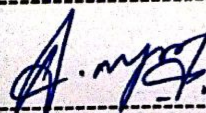
Head of the Department

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Signature of the Guide

### Examiners

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## CERTIFICATE

This is to certify that the dissertation entitled "*A FACILE SYNTHESIS AND SPECTRAL CHARACTERIZATION OF PYRAZOLY QUINOLINE DERIVATIVE*" submitted to the Bharathidasan University in partial fulfillment of the requirements for the award of the degree of **MASTER OF SCIENCE IN CHEMISTRY** is a record of original project done by

**A.ARUIMOZHI**

**REG.NO. P 19161502**

During the period of her study in Department of Chemistry, Annai College of Arts And Science-Kovilacheri, under my supervision and guidance.

SIGNATURE OF THE GUIDE/ SUPERVISOR

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