

SIMULTANEOUS SPECTROPHOTOMETRIC ESTIMATION OF PARACETAMOL
AND LEVOCETRIZINE DIHYDROCHLORIDE IN BULK DRUGS

A Dissertation submitted to

THE TAMIL NADU Dr.M.G.R MEDICAL UNIVERSITY,
CHENNAI-32

In partial fulfillment of the requirement for the award of the degree of
BACHELOR OF PHARMACY

Submitted by:

ACHUKA LORRAINE KWAMBOKA	561858001
G.BHARATH	561858006
G.BHAVADHARANI	561858007
S.SENTHIL KUMAR	561858064

Under the supervision & guidance of

Ms. P.GAYATHIRI, M.Pharm

ASSISTANT PROFESSOR



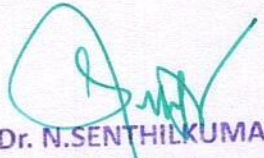
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MARCH 2023




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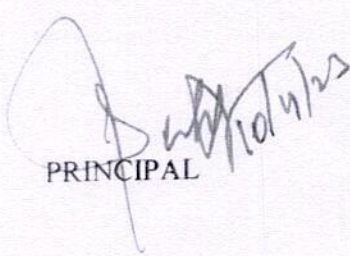
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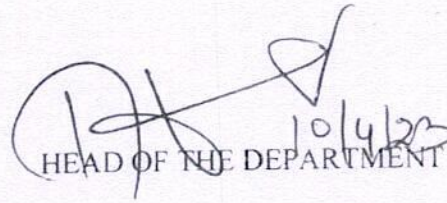
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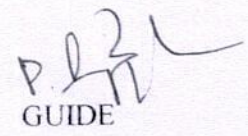
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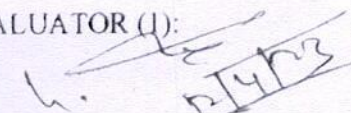

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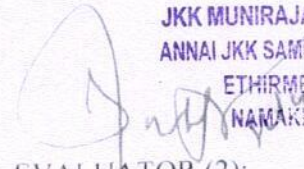
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DECLARATION

The work presented in this dissertation entitled "SIMULTANEOUS SPECTROPHOTOMETRIC ESTIMATION OF PARACETAMOL AND LEVOCETRIZINE DIHYDROCHLORIDE IN BULK DRUGS" was carried out by us under the guidance of Ms.P.GAYATHIRI, M.Pharm., Assistant professor, Department of Pharmaceutical Analysis, JKKMMRF's Annai JKK Sampoorani Ammal College of Pharmacy, Komarapalayam. This work is Original and has not been submitted in part or full for the award of any other degree of diploma of any other university.

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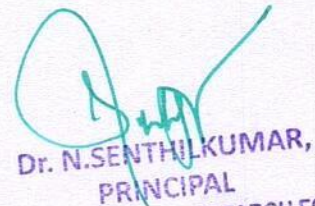
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**ANALYTICAL METHOD DEVELOPMENT AND VALIDATION
FOR SIMULTANEOUS ESTIMATION OF
NIVOLUMAB AND RELATLIMAB IN PHARMACEUTICAL DOSAGE
FORM BY RP HPLC METHOD**

**A Dissertation submitted to
THE TAMILNADU Dr. M.G.R. MEDICAL UNIVERSITY
CHENNAI – 600032**

**In partial fulfilment of the requirements for the award of the Degree of
MASTER OF PHARMACY
IN
PHARMACEUTICAL ANALYSIS**

**Submitted by
ASWIN KUMAR N
REGISTRATION NO: 261320507502**

**Under the Guidance of
Dr.M.CHITRA, M.PHARM., Ph.D
ASSOCIATE PROFESSOR**



**DEPARTMENT OF PHARMACEUTICAL ANALYSIS
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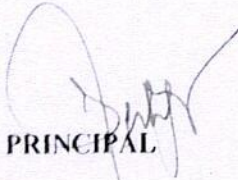
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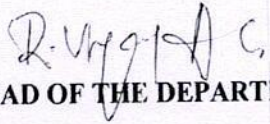


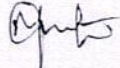
CERTIFICATE

This is to certify that the dissertation work entitled "ANALYTICAL METHOD DEVELOPMENT AND VALIDATION FOR SIMULTANEOUS ESTIMATION OF NIVOLUMAB AND RELATLIMAB IN PHARMACEUTICAL DOSAGE FORM BY RP HPLC METHOD " is the bonafide work carried out by, ASWIN KUMAR N (Reg.No:261320507502), under the guidance and supervision of Dr. M. Chitra M.Pharm., Ph.D., Associate Professor of Department of Pharmaceutical Analysis.

This is forwarded to the Tamil Nadu Dr.M.G.R Medical University, Chennai, for the partial fulfillment of requirements for the Master of Pharmacy (2022-2023).


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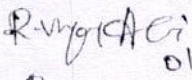

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DECLARATION

The work presented in this dissertation entitled "ANALYTICAL METHOD DEVELOPMENT AND VALIDATION FOR SIMULTANEOUS ESTIMATION OF NIVOLUMAB AND RELATLIMAB IN PHARMACEUTICAL DOSAGE FORM BY RP HPLC METHOD" was carried out by me, under the guidance of Dr.M.CHITRA MPharm., PhD Associate professor, Department of Pharmaceutical Analysis, JKKMMRF'S Annai JKK Sampoorani Ammal college of Pharmacy, Komarapalayam.

This work is Original and has not been submitted in part or full for the award of any other degree or diploma of any other university.

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"DEVELOPMENT OF RESVERATROL LOADED NANOCRYSTAL TO IMPROVE
SOLUBILITY AND DISSOLUTION RATE"

Dissertation submitted to

THE TAMILNADU Dr.M.G.R. MEDICAL UNIVERSITY, CHENNAI-600 032

In partial fulfillment of the requirements for the award of the degree of

MASTER OF PHARMACY

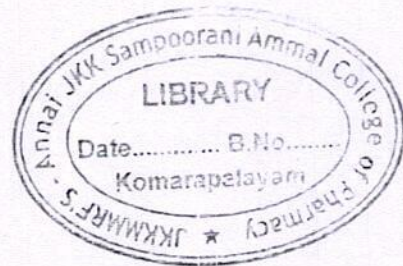
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R ANANTHAKUMAR

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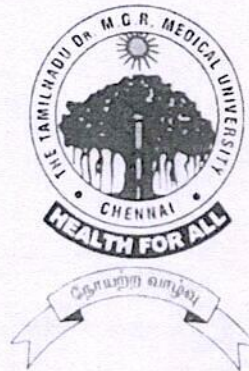


Under the guidance of

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Assistant Professor

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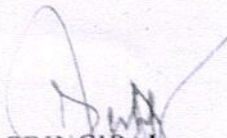
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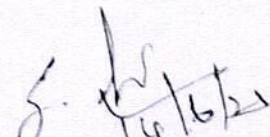


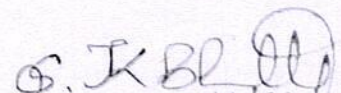
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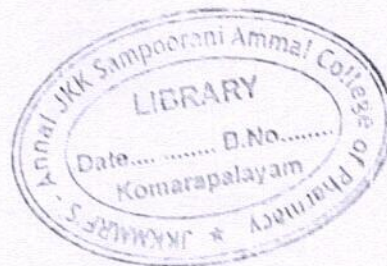

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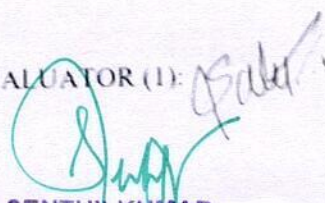

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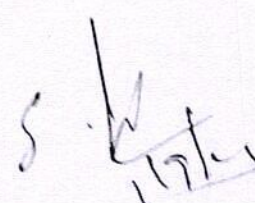
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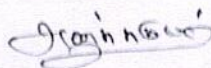


DECLARATION

I declare that this dissertation "DEVELOPMENT OF RESVERATROL LOADED CRYSTAL TO IMPROVE SOLUBILITY AND DISSOLUTION RATE" is based on the work carried out by me under the guidance and supervision of Mrs. S. KAVIBHARATHI, M. Pharm. for submission to The Tamilnadu Dr. M.G.R Medical University, Chennai in the partial fulfillment for the degree of MASTER OF PHARMACY in Pharmaceutics. This work is original and has not been submitted in part or full for the award of any other degree or diploma of any other university. The information furnished in this dissertation is genuine to the best of my knowledge and I further declare that this work has not been submitted earlier in part or full for the award of any degree or diploma to this or any other university.

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DESIGN, SYNTHESIS OF A NOVEL SUBSTITUTED
MORPHOLINE DERIVATIVES AND EVALUATION FOR THEIR
ANTI-CANCER ACTIVITY

Dissertation submitted to
THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY,
CHENNAI-32

In partial fulfillment of the requirements
for the award of the degree of
MASTER OF PHARMACY

IN
PHARMACEUTICAL CHEMISTRY

Submitted by

Mrs. J.REVATHI

REG.NO: 261220507506

Under the guidance of

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Associate Professor

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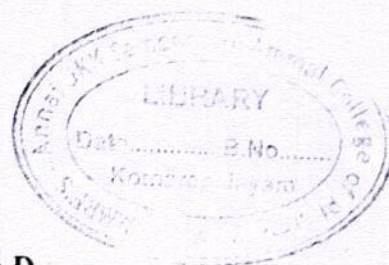
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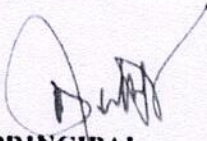
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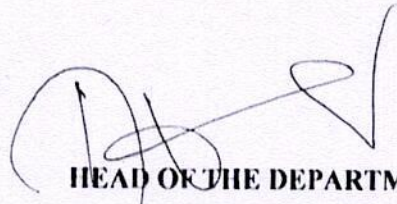


CERTIFICATE

This is to certify that the dissertation work entitled " DESIGN, SYNTHESIS OF A NOVEL SUBSTITUTED MORPHOLINE DERIVATIVES AND EVALUATION FOR THEIR ANTI-CANCER ACTIVITY " is the Bonafide work carried out by, J.REVATHI., (Reg.No:261220507506), under the guidance and supervision of Dr.A.CHITRA. M.Pharm., Ph.D., Associate Professor, in the Department of Pharmaceutical chemistry.

This is forwarded to the Tamil Nadu Dr. M.G.R Medical University, Chennai, for the partial fulfillment of requirements for the Degree of Master of Pharmacy (2022-2023).


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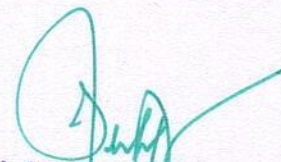

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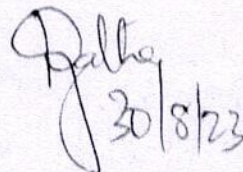
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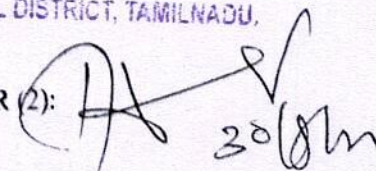
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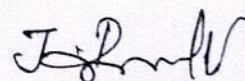
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EVALUATOR (2): 
 30/8/23

DECLARATION

I hereby declare that this thesis entitled " **DESIGN, SYNTHESIS OF A NOVEL SUBSTITUTED MORPHOLINE DERIVATIVES AND EVALUATION FOR THEIR ANTI-CANCER ACTIVITY** " is a Bonafide and genuine research work carried out by **J REVATHI (Reg.No:261220507506)** , under the guidance of **Dr.A.CHITRA M. Pharm., Ph.D., Associate Professor**, in the Department of Pharmaceutical chemistry.JKKMMRF's- Annai JKK Sampoorani Ammal College of Pharmacy, Komarapalayam, for the partial fulfillment of requirement for the Degree of Master of Pharmacy in Pharmaceutical Chemistry.

I further declare that this work has not been submitted earlier in part or full for the award of any degree or diploma to this or any other University. The information furnished in this thesis is genuine to the best of my knowledge and belief.

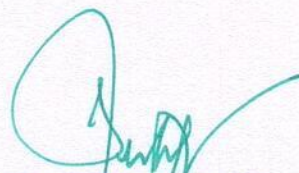


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EVALUATION OF ANTI-ANXIETY AND ANTICONVULSANT POTENTIAL OF
NATURAL PRODUCT

Dissertation submitted to

THE TAMILNADU Dr.M.G.R. MEDICAL UNIVERSITY,

CHENNAI-600 032

*In partial fulfillment of the requirements for the award of the
degree of*

MASTER OF PHARMACY

IN

PHARMACOLOGY

Submitted by

Mr. AJITHKUMAR.B

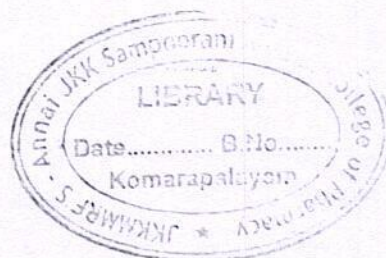
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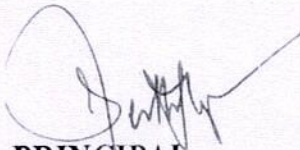
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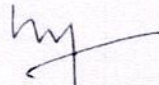
CERTIFICATE

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This is forwarded to the Tamil Nadu Dr.M.G.R Medical University, Chennai, for the partial fulfillment of requirements for the Degree of MASTER OF PHARMACY in Pharmacology (April-2023).


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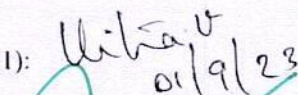

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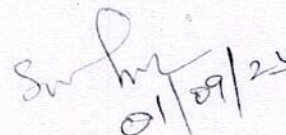
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EVALUATOR (1): 
01/09/23

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NAMAKKAL DISTRICT, TAMILNADU.

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**KNOWLEDGE ATTITUDE AND PRACTICE ON LIFESTYLE AND
ASSOCIATED FACTORS AMONG CARDIOVASCULAR DISEASE
PATIENTS IN A MULTISPECIALITY HOSPITAL**

**Dissertation submitted to
THE TAMILNADU DR. M.G.R. MEDICAL UNIVERSITY,
CHENNAI-32**

In partial fulfillment of the requirements for the award of the Degree of

**MASTER OF PHARMACY
IN
PHARMACY PRACTICE**

Submitted by
**MUHAMMED SHABEEB M
REGISTRATION NUMBER(261940560)**

Under the guidance of
Mr. A SRINIVASAN, M.Pharm.,

Associate Professor




**Dr. N.SENTHILKUMAR,
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**DEPARTMENT OF PHARMACY PRACTICE
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COLLEGE OF PHARMACY, B.KOMARAPALAYAM
NAMAKKAL, DT-638183
TAMILNADU**

OCTOBER 2022



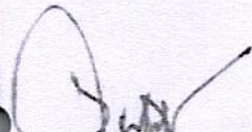
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 B.KOMARAPALAYAM,
 NAMAKKAL DT-638183
 TAMILNADU

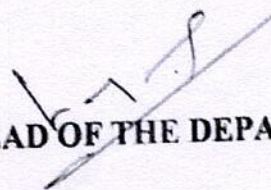


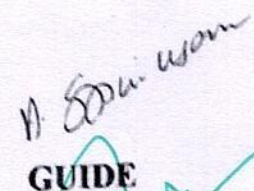
CERTIFICATE

This is to certify that the dissertation work entitled "KNOWLEDGE, ATTITUDE AND PRACTICES ON LIFESTYLE AND ASSOCIATED FACTORS AMONG CARDIOVASCULAR DISEASE PATIENTS IN A MULTISPECIALITY HOSPITAL" is the bonafide work carried out by, MUHAMMED SHABEEB M (Reg.No:261940560), under the guidance and supervision of Mr. A SRINIVASAN, M.Pharm., Associate Professor, in the Department of Pharmacy Practice.

This is forwarded to the TamilNadu Dr.M.G.R Medical University, Chennai, for the partial fulfillment of requirements for the Post Graduation in M.Pharm Pharmacy Practice (2021-2022).


 PRINCIPAL


 HEAD OF THE DEPARTMENT


 GUIDE



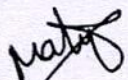
Dr. N.SENTHILKUMAR,
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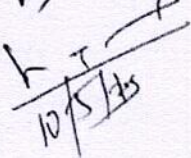
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 ETHIRMEDU, KOMARAPALAYAM - 638 183.
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PLACE: KOMARAPALAYAM

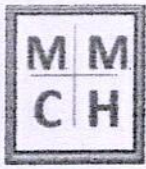
DATE: 10/5/23

EVALUATED ON: 10/5/23

EVALUATOR (1): 

EVALUATOR (2): 
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05.12.2022

HOSPITAL FIELD TRAINING

This is to certify that below mentioned Ist Pharm D students from JKKMMRF'S Annai JKK Sampoorani Ammal college of Pharmacy, Komarapalyam, Namakkal has successfully completed 30 days (05.11.2022 to 04.12.2022) of health care facility and Based learning Hospital field training in Maaruthi Medical Center and Hospital, Erode.

S.NO	REG.NO	NAME	S.NO	REG.NO	NAME
1	380021507501	AJAY MILAN P	16	380021507516	MOHIT R
2	380021507502	AJAY SRINIVAS M	17	380021507517	PARTHASARATHY S
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12	380021507512	KARTHICK J	27	380021507527	SUHITHA SREE M
13	380021507513	KAVIYA R	28	380021507528	THIRUMALAIIVASAN V
14	380021507514	KIRANKUMARN V	29	380021507529	THIRUSELVAM C
15	380021507515	MOHANRASU P	30	380021507530	USMAAN A

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24.12.2022

DOCTOR OF PHARMACY ROTATORY INTERNSHIP CERTIFICATE

This is to certify that, Ms. RAMYA.R, Reg.No: 381510416 has passed the fifth year Doctor of Pharmacy Examination of The Tamil Nadu Dr. M.G.R Medical University, Chennai held in October 2021 and has successfully completed one year of compulsory Rotatory Internship from 01.12.2021 to 30.11.2022 in the following departments as detailed below in Maaruthi Medical Center and Hospitals, Erode, as prescribed under regulation 16 and appendix C of Pharm D Regulations 2008 Pharmacy Council of India, New Delhi.

DEPARTMENT	DATE		TOTAL DURATION
	FROM	TO	
General Medicine	01/12/2021	31/05/2022	6 Months
Paediatric	01/06/2022	31/07/2022	2 Month
Orthopaedic	01/08/2022	30/09/2022	2 Months
Surgery	01/10/2022	30/11/2022	2 Months

During the above period, her conduct and character was **Good**.

Her work during the above period was **Good**.

A. Good in work 2. Absent

H. Dr. Arthina Rajkumar

Preceptor

Medical Superintendent

Head of the Department

Head of the Institution

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NAMAKKAL DISTRICT, TAMILNADU, INDIA.

**EVALUATION OF KNOWLEDGE, ATTITUDE AND PRACTICE
OF SELF MEDICATION AMONG THE STUDENTS IN
NAMAKKAL DISTRICT, TAMILNADU.**

**Dissertation submitted to
THE TAMILNADU Dr. M.G.R. MEDICAL UNIVERSITY
CHENNAI – 32.**

**In partial fulfillment for the award of the degree of
DOCTOR OF PHARMACY**

Submitted by

Mr. MUKILAN M (Reg.No:381710411)
Mr. RAGHUL G (Reg. No:381710415)
Miss. RAVEENA A (Reg. No:381510328)

**Under the Guidance of
Dr. N.SENTHIL KUMAR, M. Pharm., Ph.D.,
PRINCIPAL**



**DEPARTMENT OF PHARMACY PRACTICE
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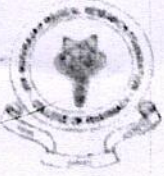
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OCTOBER-2022

**Dr. N. SENTHILKUMAR,
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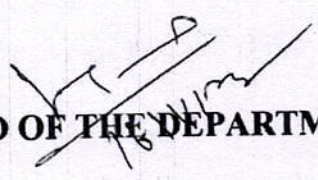
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B. KOMARAPALAYAM,
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This is to certify that the dissertation work entitled "EVALUATION OF KNOWLEDGE, ATTITUDE AND PRACTICE OF SELF MEDICATION AMONG THE STUDENTS IN NAMAKKAL DISTRICT, TAMILNADU" is the bonafide work carried out by MUKILAN M (Reg.No:381710411), RAGHUL G (Reg.No:381710415), RAVEENA A (Reg.No:381510328), under the guidance and supervision of Dr.N.SENTHILKUMAR, M.Pharm., Ph.D., principal.

This is forwarded to the Tamilnadu Dr.M.G.R Medical University, Chennai, for the partial fulfillment of requirements for the Degree of Doctor of Pharmacy (2021-2022).


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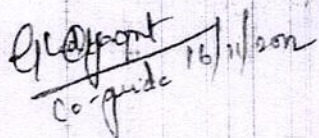

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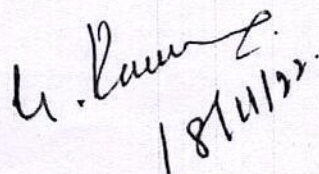
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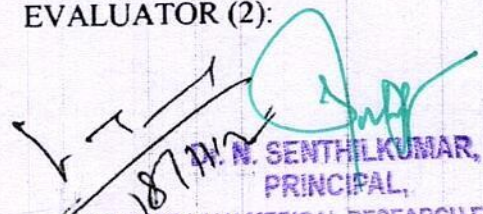

Co-guide 16/11/2022

EVALUATED ON: 18.11.2022

EVALUATOR (1):


18/11/22

EVALUATOR (2):


18/11/22



**N. SENTHILKUMAR,
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DECLARATION

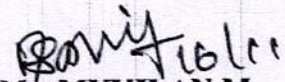
We hereby declare that this thesis entitled "EVALUATION OF KNOWLEDGE, ATTITUDE AND PRACTICE OF SELF MEDICATION AMONG THE STUDENTS IN NAMAKKAL DISTRICT, TAMILNADU" is a genuine research work carried out by us under the guidance of Dr.N.SENTHIL KUMAR, M. Pharm, Ph.D., Principal, JKKMMRF's - Annai JKK Sampoorani Ammal College of pharmacy, Komarapalayam, for the partial fulfillment of requirement for the Degree of Doctor of Pharmacy.

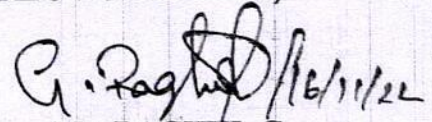
We further declare that his work has not been submitted earlier in part or full for the award of any degree or diploma to this or any other University. The information furnished in this thesis is genuine to the best of our knowledge and belief.

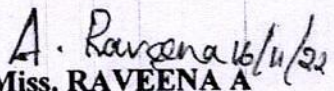


Place: Komarapalayam

Date: 06/11/2022


MR. MUKILAN M
(REG NO:381710411)


MR. RAGHUL G
(REG NO:381710415)


MISS. RAVEENA A
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STUDENT SEMINAR TOPICS ALLOTTED FOR ADVANCED
LEARNERS

Academic Year: 2022 - 2023

Class: I B.Pharm (Sem - II)

Section: A

Subject: Human Anatomy & Physiology - II

S.no	Student name & Register no	Date	Topic
1.	Balakrishnan.S	25/09/23	Structure of Brain
2.	Devipriya.M	16/10/23	Functions of Pancreas
3.	Dharshini.A	30/10/23	Structure of Uterus
4.	Elakkiya.G	06/11/23	ATP Formation
5.	Gopalakrishnan.R	13/11/23	Functions of Thyroid
6.			
7.			
8.			
9.			
10.			

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JOURNAL CLUB CONDUCTED FOR ADVANCED LEARNERS

Academic Year: 2022-2023

Class: I. B. Pharm (Sem. II)

Section: B

Topic: Electrophysiology of Nerve Cell

Date: 20/11/23

S.No	Student name	Register no	Signature
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2.	Sarath. P	560022507571	Sarath
3.	Sarathylingam. SR	560022507572	Sarathylingam
4.	Sundarraj. T	56002507585	Sundarraj
5.	Venkateswari. K	560022507590	Venkateswari
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7.			
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9.			
10.			


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ADDITIONAL TEST FOR SLOW LEARNERS

Academic Year: 2022-2023

Class: I - pharm-D

Section: -

Subject: pharmacognosy & phytopharmaceuticals.

S.No	Student Name & Register No	Marks (15)	Marks (15)	Marks (15)	Marks (15)	Marks (15)	Marks (15)	Marks (15)
1.	Gehesh.S.V	7	8	8	10	12	13	13
2.	Charan Kumar.C	7	8	9	11	13	13	14
3.	keerthivasan.A	9	7	9	11	11	12	13
4.	Vasanth Kumar.C	7	8	8	10	11	13	13
5.								
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13.								
14.								
15.								
TOPIC		Classification of Crude drugs	Cell wall constituents & Cell Inclusions	Macroscopy & Microscopy of Crude Drugs	Carbohydrates, proteins,	Volatile oils.	Lipids.	Authentication of Crude Drugs
DATE		14.4.22	19.4.22	26.4.22	7.6.22	28.6.22	5.7.23	26.7.23
SIGNATURE								

Dr. N.SENTHILKUMAR,
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ADDITIONAL CLASSES FOR SLOW LEARNERS

Academic Year: 2022 - 2023

Class: II - Pharm - D

Section: -

Subject: pharmacognosy & phytopharmaceuticals.

S.No	Student Name & Register No	12.4.22	19.4.22	26.4.22	7.6.22	28.6.22	5.7.22	26.7.22
1.	Geesh.S.V	/	/	/	/	/	/	/
2.	Charan Kumar.C	/	/	/	/	/	/	/
3.	Keerthi Vasan.A	/	/	/	/	/	/	/
4.	Vasantha Kumar.C	/	/	/	/	/	/	/
5.								
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15.								
TOPIC		Classification of crude drugs	Cell wall constituents & cell inclusions	Macroclype Microscopy of crude drugs	Carbohydrate & Proteins	Volatile oils	Lipids	Alteration of crude drugs
DATE		12/4/22	19/4/22	26/4/22	7/6/22	28/6/22	25/7/22	26/7/22
SIGNATURE		/	/	/	/	/	/	/

Dr. N.SENTHILKUMAR,
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