

**COMPARISON OF PULMONARY FUNCTION TEST AMONG RESIDENTS AT
HIGH ALTITUDE AND AT SEA LEVEL IN TAMILNADU**

**DISSERTATION SUBMITTED FOR
M.D., [PHYSIOLOGY] DEGREE – BRANCH V**



THE TAMILNADU DR. MGR MEDICAL UNIVERSITY,

CHENNAI – 600 032

MAY - 2022

DEPARTMENT OF PHYSIOLOGY

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**“PROBLEMS ENCOUNTERED IN SQUASH CYTOLOGY EVALUATION OF
CENTRAL NERVOUS SYSTEM LESIONS-EXPERIENCE AT OUR
INSTITUTION”.**

**A dissertation submitted in partial fulfilment of the requirement for the award of
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M.D. PATHOLOGY - BRANCH III



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**THE IMPORTANCE OF CLINICOPATHOLOGICAL CORRELATION
IN THE DIAGNOSIS OF ISCHEMIC COLITS**

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DISSERTATION ON
“SAFETY AND EFFICACY OF TOPICAL OLOPATADINE
HYDROCHLORIDE VERSUS KETOTIFEN FUMARATE IN
ALLERGIC CONJUNCTIVITIS”

Dissertation submitted to
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In partial fulfillment of the regulations

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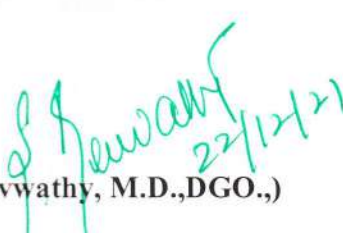
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This is to certify that this dissertation entitled **"SAFETY AND EFFICACY OF TOPICAL OLOPATADINE HYDROCHLORIDE VERSUS KETOTIFEN FUMARATE IN ALLERGIC CONJUNCTIVITIS"** is a bonafide research work of **Dr. Jeyvanth M Jeyasingh** with Registration number **201916501** in partial fulfillment of the requirements for M.D. Branch VI **(Pharmacology)** Examination of the Tamilnadu Dr.M.G.R Medical University to be held in May – 2022. The period of study was from 2019 - 2022


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**MATRIX METALLOPROTEINASE EXPRESSION IN
CHRONOLOGICALLY HETEROGENEOUS KNEE ARTICULAR
CARTILAGE AND MENISCI**

Dissertation submitted to



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TISSUE EXPRESSION OF MATRIX METALLOPROTEINASE IN FETAL AND ADULT CORNEA

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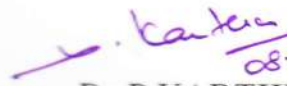
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**IMPACT OF BODY MASS INDEX, WAIST CIRCUMFERENCE AND
PHYSICAL ACTIVITY ON HEARING ABILITY IN YOUNG ADULTS**

**DISSERTATION SUBMITTED FOR
M.D., [PHYSIOLOGY] DEGREE – BRANCH V**



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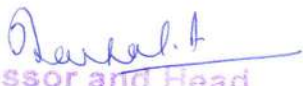
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**A Study on the Effect of Hemodialysis on Urea Reduction
Ratio (URR), Serum Electrolytes, Calcium and Phosphorus
in Patients who are on Maintenance Hemodialysis**

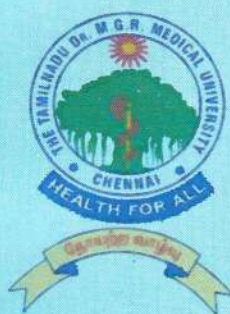
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A study of association of serum high sensitivity C-reactive protein and Gamma glutamyl transferase with Body mass index, HbA1c and Dyslipidemia in metabolic syndrome

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A Study on the predictive value of Serum Ferritin and Uric acid as Noninvasive Biomarkers for Hepatic Dysfunction in Patients with Nonalcoholic fatty liver disease (NAFLD)

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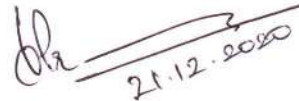
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This is to certify that the dissertation entitled, “**A Study on the predictive value of Serum Ferritin and Uric acid as Noninvasive Biomarkers for Hepatic Dysfunction in Patients with Nonalcoholic fatty liver disease (NAFLD)**” by **Dr.P.Nivedha**, Post graduate in Biochemistry (2018-2021), is a Bonafide research work carried out under our direct supervision and guidance and is submitted to The Tamilnadu Dr. M.G.R. Medical University, Chennai, for M.D. Degree Examination in M.D Biochemistry(Branch XIII), to be held in May 2021.


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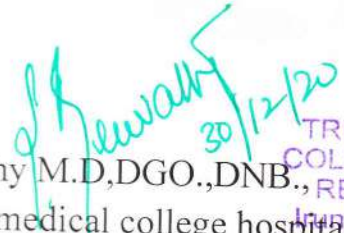

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“STUDY OF ERYTHROCYTE ABNORMALITIES IN THYROID DYSFUNCTION”

**A dissertation submitted in partial fulfillment of the requirements for the award
of the degree of
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DISSERTATION ON

**“IN VITRO ANTIMICROBIAL ACTIVITIES OF CONDIMENTS MEDIATED
SILVER NANOPARTICLES AGAINST MULTIDRUG RESISTANT
PATHOGENS”**

Dissertation submitted to

THE TAMILNADU DR.M.G.R. MEDICAL UNIVERSITY

In partial fulfillment of the regulations

For the award of the degree of

M.D PHARMACOLOGY – BRANCH VI



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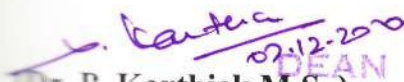
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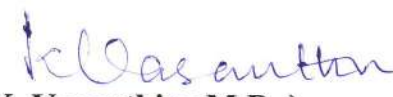
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**NORMATIVE DATA FOR MEDIAN NERVE CONDUCTION STUDY IN
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**DISSERTATION SUBMITTED FOR
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**EVALUATION OF LIVER ENZYMES, LIPID PROFILE AND
GLYCEMIC STATUS AMONG PATIENTS WITH NON-ALCOHOLIC
FATTY LIVER DISEASE – A CROSS SECTIONAL STUDY**

Dissertation submitted to

THE TAMILNADU DR .M .G .R. MEDICAL UNIVERSITY

In partial fulfillment of the regulations

For the award of the degree

M.D. BIOCHEMISTRY BRANCH-XIII



Registration Number: 201723401

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MAY 2020

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This is to certify that the dissertation titled "**Evaluation of Liver Enzymes, Lipid Profile and Glycemic Status among Patients with Non-Alcoholic Fatty Liver Disease –A Cross Sectional Study**" by **Dr.S.Santhini, Postgraduate in Biochemistry** (2017-2020), is a Bonafide research work carried out under our direct supervision and guidance and is submitted to The Tamil Nadu Dr. M.G.R. Medical University, Chennai, for M.D Degree Examination in M.D Biochemistry (Branch XIII), to be held in May 2020.


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**STUDY OF CORRELATION OF PLACENTAL
MORPHOLOGY WITH MORPHOMETRICAL
FEATURES OF FETUS IN HIGH RISK PREGNANCY**

DISSERTATION SUBMITTED TO



**THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY,
CHENNAI – 600032.**

**In partial fulfilment of the requirement for the degree of
Doctor of Medicine in Pathology (Branch III)**

M.D. (PATHOLOGY)

APRIL 2020


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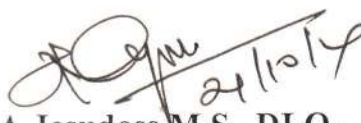
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**CLINICOPATHOLOGICAL EVALUATION AND HER2
EXPRESSION IN GASTRIC ADENOCARCINOMAS - A
HOSPITAL BASED OBSERVATIONAL STUDY**

DISSERTATION SUBMITTED TO



**THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY,
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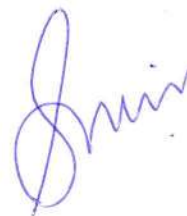
This is to certify that the dissertation entitled **CLINICOPATHOLOGICAL EVALUATION AND HER2 EXPRESSION IN GASTRIC ADENOCARCINOMAS - A HOSPITAL BASED OBSERVATIONAL STUDY** is a record of bonafide work done by **Dr.R.Vinodhini** with registration number 201713602, postgraduate student in the Department of **Pathology**, during the course of study (2017 – 2020), Trichy SRM Medical College Hospital and Research Centre, Trichy under the supervision and guidance of **Dr.S.PRIYA BANTHAVI M.D.,**

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**PREVALENCE OF HEPATITIS B, HEPATITIS C AND HCV
GENOTYPES IN HAEMODIALYSIS PATIENTS**

**Dissertation submitted in partial fulfillment of the
Requirement for the award of the Degree of
M.D. MICROBIOLOGY (BRANCH IV)**



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This is to certify that the dissertation entitled, **"PREVALENCE OF HEPATITIS B, HEPATITIS C AND HCV GENOTYPING IN HEMODIALYSIS PATIENTS"** by **DR SARO THANGA SANGEETHA** **Post graduate in Microbiology** (2017-2020), is a bonafide research work carried out under our direct supervision and guidance and is submitted to The Tamilnadu Dr. M.G.R. Medical University, Chennai, for M.D. Degree Examination in Microbiology, Branch IV, to be held in May 2020.

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DISSERTATION ON
A CLINICOMICROBIOLOGICAL STUDY ON INFECTIVE CAUSES
OF ACUTE FEBRILE ILLNESS

Dissertation submitted in partial fulfillment of the
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DISSERTATION ON
“EFFECT OF DIFFERENT ANTI-HYPERTENSIVE DRUG
CLASSES ON INVASIVELY MONITORED CENTRAL
AORTIC PRESSURE AND PERIPHERAL ARTERIAL
PRESSURE”

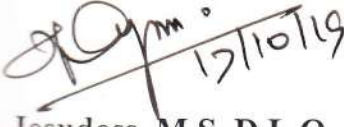
Dissertation submitted to
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**“AN ANALYSIS OF CYTOLOGICAL, HEMATOLOGICAL AND CYTOGENETIC
EFFECTS OF OCCUPATIONAL EXPOSURE OF FORMALDEHYDE AMONG
MEDICAL PROFESSIONALS ”**

Dissertation submitted to



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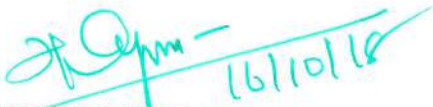
This dissertation is a record of authentic work done by the candidate, **Dr. M.KAVI PRIYA** during the course of study (2016-2019). This work was carried out by the candidate herself under my supervision.

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**ANALYSIS OF PULMONARY FUNCTION TEST ON VARIOUS
CATEGORIES OF BMI**

**DISSERTATION SUBMITTED FOR
M.D., [PHYSIOLOGY] DEGREE - BRANCH V**



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**A Correlation Study on Plasma Vitamin - D
levels with BMI, HbA1c and Lipid Profile in
risk assessment for Coronary Artery Disease**

Dissertation submitted to

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In partial fulfillment of the Regulations

For the award of the Degree

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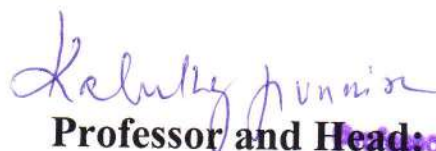
CERTIFICATE

This is to certify that the dissertation entitled, "A Correlation Study on Plasma Vitamin - D levels with BMI, HbA1c and Lipid Profile in risk assessment for Coronary Artery Disease" by Dr.B.Ramya, Post graduate in Biochemistry (2016-2019), is a Bonafide research work carried out under our direct supervision and guidance and is submitted to The Tamilnadu Dr. M.G.R. Medical University, Chennai, for M.D. Degree Examination in M.D Biochemistry(Branch XIII), to be held in May 2019.



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**A STUDY ON eGFR, PROTEIN-CREATININE RATIO, THYROID
AND LIPID PROFILE ON ASSESSING RISK FACTOR FOR
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This is to certify that this dissertation entitled "**A STUDY ON eGFR, PROTEIN-CREATININE RATIO, THYROID AND LIPID PROFILE ON ASSESSING RISK FACTOR FOR RENAL DYSFUNCTION**" is a bonafide work done by **Dr. J. J. K. K. K.**, in partial fulfillment of the requirements for M.D., Branch -XIII **Biochemistry** examination of The Tamil Nadu Dr. M.G.R Medical University, Chennai to be held in May - 2019. The period of study was from 2016-2019.


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HISTOMORPHOLOGICAL STUDY OF GASTRIC BIOPSIES AND GASTRECTOMY SPECIMENS AND THEIR CORRELATION WITH H.PYLORI

Dissertation submitted to



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**In partial fulfillment of the requirement for the degree of
Doctor of Medicine in pathology (Branch - III)**

M.D. (PATHOLOGY)

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GASTRECTOMY SPECIMENS AND THEIR CORRELATION WITH
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HISTOPATHOLOGICAL ANALYSIS OF ENDOMETRIAL CHANGES IN ASSOCIATION WITH MYOMETRIAL LESIONS OF HYSTERECTOMY SPECIMENS

Dissertation submitted to



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**In partial fulfillment of the requirement for the degree of
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M.D. (PATHOLOGY)

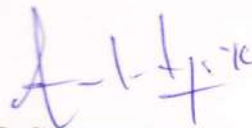
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CHANGES IN ASSOCIATION WITH MYOMETRIAL LESIONS OF
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of **Pathology**. I personally verified the urkund.com website for the
purpose of the plagiarism check. I found the uploaded thesis file contains
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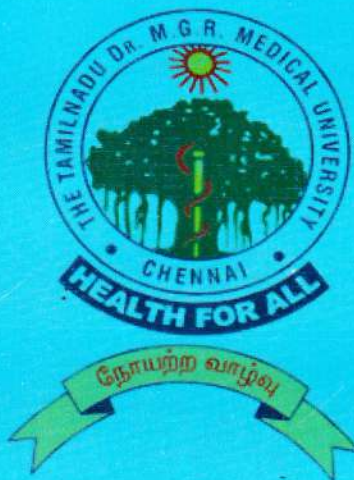
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**PREVALENCE AND PATTERN OF AEROBIC BACTERIAL
INFECTIONS IN PATIENTS WITH ADVANCED CHRONIC
KIDNEY DISEASE IN A
TERTIARY CARE HOSPITAL**

**Dissertation submitted in partial fulfillment of the
Requirement for the award of the Degree of
M.D. MICROBIOLOGY (BRANCH IV)**



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This is to certify that the dissertation entitled, "**PREVALENCE AND PATTERN OF AEROBIC BACTERIAL INFECTIONS IN PATIENT WITH ADVANCED CHRONIC KIDNEY DISEASE IN A TERTIARY CARE HOSPITAL**" by **Dr.S.DEEPALATHA**, Post graduate in **Microbiology** (2016-2019), is a bonafide research work carried out under our direct supervision and guidance and is submitted to The Tamilnadu Dr. M.G.R. Medical University, Chennai, for M.D. Degree Examination in Microbiology, Branch IV, to be held in May 2019.

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Dhanam

DISSERTATION ON
BACTERIOLOGICAL PROFILE, ANTIBIOGRAM AND RISK FACTORS
OF SURGICAL SITE INFECTIONS IN A
TERTIARY CARE HOSPITAL

Dissertation submitted in partial fulfillment of the
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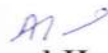
CERTIFICATE

This is to certify that the dissertation entitled, **"BACTERIOLOGICAL PROFILE, ANTIBIOGRAM AND RISK FACTORS OF SURGICAL SITE INFECTIONS IN A TERTIARY CARE HOSPITAL"** by **Dr.G.DHANALAKSHMI**, **Post graduate in Microbiology** (2016-2019), is a bonafide research work carried out under our direct supervision and guidance and is submitted to The Tamilnadu Dr. M.G.R. Medical University, Chennai, for M.D. Degree Examination in Microbiology, Branch IV, to be held in May 2019.

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AN IMMUNOHISTOCHEMICAL STUDY OF RELAXIN RECEPTOR
IN TERM PHYSIOLOGICAL AND PREECLAMPTIC PLACENTAE

Dissertation submitted to



THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY,
CHENNAI – 600032.

In partial fulfillment of the requirement for the degree of
Doctor of Medicine in Anatomy (Branch XXIII)

M.D. (ANATOMY)

MAY 2018

DEPARTMENT OF ANATOMY
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This dissertation titled **"AN IMMUNOHISTOCHEMISTRY STUDY OF RELAXIN RECEPTOR IN HUMAN TERM PHYSIOLOGICAL AND PREECLAMPTIC PLACENTAE"** is submitted to The Tamil Nadu Dr. M.G.R Medical University, Chennai, in partial fulfillment of regulation for the award of M.D. Degree in **Anatomy** in the examination to be held during May 2018.

This dissertation is a record of authentic work done by the candidate, **Dr. G.VENKATESH** during the course of study (2015-2018). This work was carried out by the candidate himself under my supervision.



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**A STUDY OF EXPRESSION OF RELAXIN RECEPTOR IN NORMAL
AND FIBROID UTERUS USING IMMUNOHISTOCHEMISTRY**

Dissertation submitted to



**THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY,
CHENNAI – 600032.**

**In partial fulfillment of the requirement for the degree of
Doctor of Medicine in Anatomy (Branch XXIII)**

M.D. (ANATOMY)

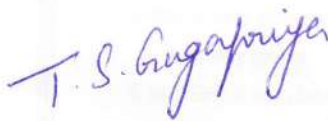
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This dissertation titled "**A STUDY OF EXPRESSION OF RELAXIN RECEPTOR IN NORMAL AND FIBROID UTERUS USING IMMUNOHISTOCHEMISTRY**" is submitted to The Tamil Nadu Dr. M.G.R. Medical University, Chennai, in partial fulfillment of regulation for the award of M.D. Degree in **Anatomy** in the examination to be held during May 2018.

This dissertation is a record of authentic work done by the candidate, **Dr. M.S. DHIVYA** during the course of study (2015-2018). This work was carried out by the candidate herself under my supervision.


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**EFFECTS OF BREAKFAST OMISSION ON SLEEP QUALITY,
COGNITION AND GLUCOSE HOMEOSTASIS AMONG YOUNG
ADULTS.**

Dissertation submitted to



**THE TAMIL NADU DR.M.G.R MEDICAL UNIVERSITY
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This work was carried out by the candidate herself under my supervision.


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**INFLUENCE OF EXERCISE STRESS TEST ON CARDIOVASCULAR
AUTONOMIC FUNCTIONS AMONG ADULTS WITH DIFFERENT
CATEGORIES OF BODY MASS INDEX**

**DISSERTATION SUBMITTED FOR
M.D., [PHYSIOLOGY] DEGREE - BRANCH V**



THE TAMILNADU DR. MGR MEDICAL UNIVERSITY,

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This dissertation titled "INFLUENCE OF EXERCISE

STRESS TEST ON CARDIOVASCULAR AUTONOMIC FUNCTION AMONG ADULTS WITH DIFFERENT CATEGORIES OF BODY MASS INDEX" is

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The dissertation is a record of fresh work done by the candidate, Dr. S.TAMIL SUDAR., during the course of the study (2015-2018).

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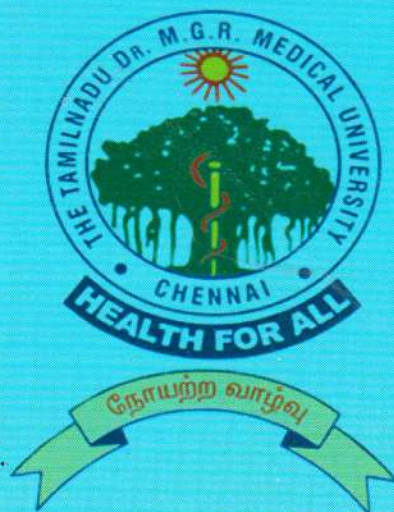

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**CORRELATION BETWEEN ANTHROPOMETRIC
MEASUREMENTS WITH INTRAABDOMINAL FAT
THICKNESS AND LIPID PROFILE**

Dissertation submitted for

M.D., [PHYSIOLOGY] DEGREE – BRANCH V



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A STUDY OF SERUM TESTOSTERONE AND HIGH SENSITIVITY
C-REACTIVE PROTEIN LEVELS IN TYPE-2 DIABETIC MEN

Dissertation submitted to

The Tamilnadu Dr.MGR Medical University

In partial fulfillment of the regulations for

the award of the degree of

M.D.BIOCHEMISTRY[Branch XIII]



DEPARTMENT OF BIOCHEMISTRY

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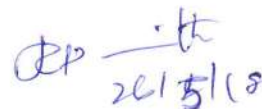
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**A STUDY OF SERUM VITAMIN LEVELS, ATHEROGENIC INDEX
AND BODY FAT DISTRIBUTION IN YOUNG OBESE ADULTS**

Dissertation submitted to

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In partial fulfilment of the regulations

For the award of the degree

M.D BIOCHEMISTRY BRANCH-XIII



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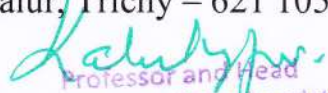
MAY-2018

CERTIFICATE

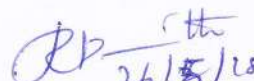
This is to certify that this dissertation entitled "**A STUDY OF SERUM VISFATIN LEVELS, ATHEROGENIC INDEX AND BODY FAT DISTRIBUTION IN YOUNG OBESE ADULTS**" is a bonafide work done by **DR.G.ANITHA** in partial fulfillment of the requirements for M.D.,Branch-XIII (**Biochemistry**) examination of **The Tamilnadu Dr. MGR Medical University** to be held in May – 2018. The period of study was from 2015 - 2018.


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EXTERNAL
EXAMINER

Dissertation on
ESTIMATION OF CALCIUM, PHOSPHORUS, ALKALINE
PHOSPHATASE AND INTACT PARATHYROID HORMONE IN
VARIOUS STAGES OF CHRONIC KIDNEY DISEASE

Submitted to



THE TAMILNADU DR. M.G.R. MEDICAL UNIVERSITY,
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In partial fulfilment of the requirements for the degree of

M.D., BIOCHEMISTRY - BRANCH XIII

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This is to certify that this dissertation entitled "Estimation of Calcium, Phosphorus, Alkaline Phosphatase and intact Parathyroid Hormone in various stages of Chronic Kidney Disease" is a bonafide work done by Dr. M. Ganesha Pandian in partial fulfillment of the requirements for M.D., Branch - XIII (Biochemistry) examination of The Tamilnadu Dr. MGR Medical University to be held in May - 2018. The period of study was from 2015 - 2018.



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DISSERTATION ON

**“DETECTION OF VIRULENCE MARKERS OF UROPATHOGENIC
ESCHERICHIA COLI FROM URINARY TRACT INFECTIONS AND ITS
ANTIMICROBIAL SUSCEPTIBILITY PATTERN”**

Dissertation submitted to

THE TAMILADU DR. M.G.R. MEDICAL UNIVERSITY

In partial fulfillment of the regulations

For the award of the degree of

M.D. MICROBIOLOGY – BRANCH IV



CHENNAI MEDICAL COLLEGE HOSPITAL AND RESEARCH CENTRE,

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CHENNAI – 600 032

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This is to certify that the dissertation entitled, "**DETECTION OF VIRULENCE MARKERS OF UROPATHOGENIC *ESCHERICHIA COLI* FROM URINARY TRACT INFECTIONS AND ITS ANTIMICROBIAL SUSCEPTIBILITY PATTERN**" by **DR.JAHAPPRIYA.J.D.**, Post graduate in Microbiology (2015-2018), is a bonafide research work carried out under our direct supervision and guidance and is submitted to The Tamilnadu Dr. M.G.R. Medical University, Chennai, for M.D. Degree Examination in Microbiology, Branch IV, to be held in May 2018.


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CYTOPATHOLOGICAL SPECTRUM OF THYROID LESIONS - A HOSPITAL BASED STUDY

Dissertation submitted to



**THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY,
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**In partial fulfillment of the requirement for the degree of
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M.D. (PATHOLOGY)**

APRIL 2018

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This is to certify that the dissertation entitled
**"CYTOPATHOLOGICAL SPECTRUM OF THYROID LESIONS -A
HOSPITAL BASED STUDY"** is a record of bonafide work done by
Dr. R. Akila, postgraduate student in the Department of Pathology, during the
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Research Centre, Trichy under the supervision and guidance of **Dr. S. PRIYA
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This dissertation is a record of authentic work done by the candidate,
Dr. R. Akila, this work was carried out by the candidate herself under my
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DISSERTATION ON

**"IN VITRO" ANTIMUTAGENIC ACTIVITY OF *ECLIPTA ALBA*
USING AMES TEST"**

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In partial fulfillment of the regulations

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This is to certify that the dissertation entitled "*IN VITRO*
ANTIMUTAGENICACTIVITY OF ECLIPTA ALBA USING AMES TEST"
by **Dr. LEENA RANJINI V.**, Postgraduate in Pharmacology (2015 – 2018), is a
bonafide research work carried out under our direct supervision and guidance and
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Esther

PREVALENCE, PHENOTYPING AND MOLECULAR DETECTION OF
***bla*NDM-1 and *bla*OXA-51 GENES IN CARBAPENEMASE PRODUCING**
STRAINS AMONG THE CARBAPENEM RESISTANT
ENTEROBACTERIACEAE

Dissertation submitted in partial fulfillment of the
Requirement for the award of the Degree of
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This is to certify that the dissertation entitled, **"PREVALENCE, PHENOTYPING AND MOLECULAR DETECTION OF blaNDM-1 and blaOXA-51 GENES IN CARBAPENEMASE PRODUCING STRAINS AMONG THE CARBAPENEM RESISTANT ENTEROBACTERIACEAE"** by **DR.M.JANE ESTHER**, Post graduate in Microbiology (2014-2017), is a bonafide research work carried out under our direct supervision and guidance and is submitted to The Tamilnadu Dr. M.G.R. Medical University, Chennai, for M.D. Degree Examination in Microbiology, Branch IV, to be held in March 2017.

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**SPECIATION, VIRULENCE FACTORS DETECTION AND
ANTIFUNGAL SUSCEPTIBILITY TESTING OF CANDIDA ISOLATED
FROM HETEROGENOUS CLINICAL SAMPLES**

Dissertation submitted in partial fulfillment of the

Requirement for the award of the Degree of

M.D. MICROBIOLOGY (BRANCH IV)



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This is to certify that the dissertation entitled, "**Speciation, Virulence Factors Detection And Antifungal Susceptibility testing of Candida Isolated from Heterogenous Clinical Samples**" by **Dr. Shalini.M.**, Post graduate in Microbiology (2014-2017), is a bonafide research work carried out under our direct supervision and guidance and is submitted to The Tamilnadu Dr. M.G.R. Medical University, Chennai, for M.D. Degree Examination in Microbiology, Branch IV, to be held in April 2017.

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**MORPHOLOGICAL EVALUATION OF LYMPHOCYTES
ON PERIPHERAL SMEAR EXAMINATION IN ADULT
PATIENTS WITH LYMPHOCYTOSIS AND ITS
CLINICAL CORRELATION**

Dissertation submitted to



**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY
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**In partial fulfillment of the requirement for the degree of
Doctor of Medicine in Pathology (Branch III)
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This is to certify that the dissertation entitled **"MORPHOLOGICAL EVALUATION OF LYMPHOCYTES ON PERIPHERAL SMEAR EXAMINATION IN ADULT PATIENTS WITH LYMPHOCYTOSIS AND ITS CLINICAL CORRELATION"** is a record of bonafide work done by **DR. SEKAR LALITHA**, postgraduate student in the Department of Pathology, during the course of the study (2014-2017), Chennai Medical College Hospital and Research Centre, Trichy under the supervision and guidance of **Dr. V. SARADA, MD.**

This dissertation is a record of original work done by the candidate, **Dr. SEKAR LALITHA**; this work was carried out by the candidate herself under my supervision.


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HISTOPATHOLOGICAL ANALYSIS OF SCALY SKIN LESIONS OF NON-INFECTIOUS ETIOLOGY

Dissertation submitted to



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CHENNAI, INDIA**

**In partial fulfillment of the requirement for the degree of
Doctor of Medicine in Pathology (Branch III)**

M.D. (PATHOLOGY)

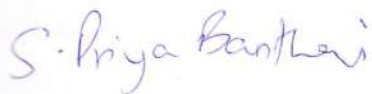
APRIL 2017

**DEPARTMENT OF PATHOLOGY
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CERTIFICATE

This is to certify that the dissertation entitled **HISTOPATHOLOGICAL ANALYSIS OF SCALY SKIN LESIONS OF NONINFECTIOUS ETIOLOGY** is a record of bonafide work done by **Dr. S. MANIMEGALAI**, postgraduate student in the Department of Pathology, during the course of the study (2014-2017), Chennai Medical College Hospital and Research Centre, Trichy under the supervision and guidance of Dr. S. PRIYA BANTHAVI, MD.

This dissertation is a record of authentic work done by the candidate, **Dr. MANIMEGALAI. S**; this work was carried out by the candidate herself under my supervision.



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DISSERTATION ON

“A STUDY ON THE EFFECT OF PITAVASTATIN IN PATIENTS
WITH ACTIVE RHEUMATOID ARTHRITIS TREATED
AT A RURAL TERTIARY CARE HOSPITAL”

Dissertation submitted to

THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY

In partial fulfilment of the regulations

For the award of the degree of

M.D. PHARMACOLOGY - BRANCH VI




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THE TAMILNADU DR. M.G.R. MEDICAL UNIVERSITY,
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APRIL 2017

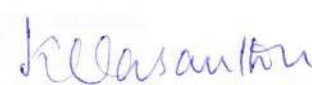
CERTIFICATE

This is to certify that the dissertation entitled **"A STUDY ON THE EFFECT OF PITAVASTATIN IN PATIENTS WITH ACTIVE RHEUMATOID ARTHRITIS TREATED AT A RURAL TERTIARY CARE HOSPITAL"** by **Dr. T.SUDHANANTHINI**, Postgraduate in Pharmacology (2014 – 2017), is a bonafide research work carried out under our direct supervision and guidance and is submitted to The Tamilnadu Dr. M.G.R. Medical University, Chennai for M.D. Degree Examination in Pharmacology, Branch IV, to be held in **April 2017**. The period of study was from 2014 -2017.



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**A STUDY ON THE EFFECTS OF GESTATIONAL
DIABETES MELLITUS AND OBESITY ON
PREGNANCY OUTCOMES IN RELATION WITH
THE MICROSTRUCTURAL ALTERATIONS OF
THE PLACENTA**

A THESIS

Submitted by

ILAVENIL K.

In Partial Fulfillment of the Requirements

for the Degree of

DOCTOR OF PHILOSOPHY



**DEPARTMENT OF ANATOMY
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JANUARY 2019

**CERTIFICATE FOR COMPLETION OF MINIMUM REQUIREMENTS
AS PER Ph.D. REGULATIONS**

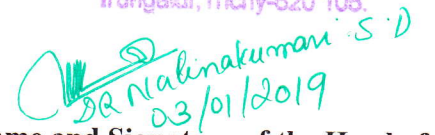
This is to certify that Dr. **Ilavenil K**, (Registration No. **7941210002**), Department of Anatomy, Faculty of Medicine and Health Sciences, of SRM Institute of Science and Technology, a bonafide research scholar registered for the Ph.D. Degree under the supervision of Dr. Kalavathy Ponniraivan, has satisfactorily completed all the requirements for the submission of thesis for the award of Ph.D. degree as per provisions of the respective Ph.D. Regulations (Ph.D Regulations: 2006). She has successfully completed the course work and well defended the Research Plan Proposal Seminar and the Pre-Submission Seminar presented before the DRCC. She also published research papers in refereed journals of repute, approved by the University and presented a research paper in conference.

Place: Tiruchirapalli, Tamilnadu

Date: 3.01.2019


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ANALYSIS OF HEART RATE VARIABILITY IN ORGANOPHOSPHOROUS POISONING

THESIS

Submitted by

M.MUHIL

In Partial Fulfillment of the Requirements

For the Degree of

DOCTOR OF PHILOSOPHY



DEPARTMENT OF PHYSIOLOGY

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SRM INSTITUTE OF SCIENCE & TECHNOLOGY

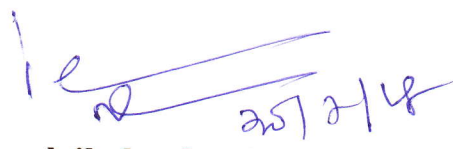
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SEPTEMBER -2018

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BONAFIDE CERTIFICATE

Certified that this thesis "ANALYSIS OF HEART RATE VARIABILITY IN ORGANOPHOSPHOROUS POISONING" is the bonafide work of Dr. MLMUHIL who carried out the research under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion for this or any other candidate.


25/2/18

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**EVALUATION OF ANTIDIABETIC, HYPOLIPIDEMIC
AND ANTIOXIDANT EFFECTS OF *BRUGUIERA
CYLINDRICA* (L.) BLUME IN STREPTOZOTOCIN-
NICOTINAMIDE INDUCED DIABETIC RATS**

A THESIS

Submitted by

P. REVATHI

In Partial Fulfillment of the Requirements
for the Degree of
DOCTOR OF PHILOSOPHY



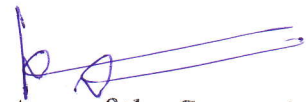
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SEPTEMBER 2016

SRM UNIVERSITY, KATTANKULATHUR – 603 203

BONAFIDE CERTIFICATE

Certified that this thesis titled *“Evaluation on antidiabetic, hypolipidemic and antioxidant effects of Bruguiera cylindrica (L) blume in streptozotocin-nicotinamide induced diabetic rats”* is a bonafide work of Dr. P. Revathi., MD., who carried out the research under my supervision. Certified further, that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion for this or any other candidate.



Signature of the Supervisor

Dr. P. Thirumalaikolundusubramanian

Professor

Department of Medicine

Chennai Medical College Hospital and

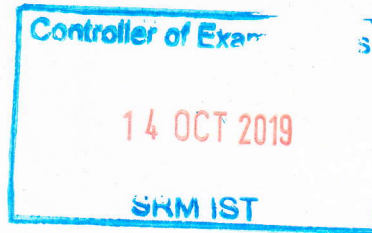
Research Centre (SRM Group)

Tiruchirapalli – 621 105

Tamilnadu, India

Place: Tiruchirapalli, Tamilnadu

Date: 28.09.2016



**A STUDY ON PHENOTYPIC AND MOLECULAR
CHARACTERIZATION OF METHICILLIN
RESISTANT *STAPHYLOCOCCUS AUREUS* (MRSA) IN
A TERTIARY CARE HOSPITAL**

A THESIS

Submitted by

VAZHAVANDAL G.

In Partial Fulfillment of the Requirements

for the Degree of

DOCTOR OF PHILOSOPHY



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FACULTY OF MEDICINE AND HEALTH SCIENCES
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
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**OCTOBER 2019 (Re Submitted)
May 2019 (primary submission)**

DECLARATION BY THE RESEARCH SCHOLAR

I, **Dr. Vazhavandal G.**, hereby declare that the work which is being presented in the thesis entitled, "**A study on phenotypic and molecular characterization of methicillin resistant *Staphylococcus aureus* (MRSA) in a tertiary care hospital**" in partial fulfillment of the requirements for the award of the degree of Doctor of Philosophy is my own work carried out by me under the supervision of **Dr. A. Uma** (Supervisor) during the period July 2012 to December 2018 in the Department of Microbiology, Faculty of Medicine and Health Sciences, SRM Institute of Science and Technology, Kattankulathur.

The matter presented in this Ph.D. Thesis has not been submitted elsewhere for the award of any other degree/diploma. I declare that I have faithfully acknowledged, given credit to and referred to the research workers wherever their works have been cited in the text and the body of the thesis. I further certify that I have not willfully lifted up some other's work, para, text, data, results, etc., reported in the journals, books, magazines, reports, dissertations, theses, etc., or available at web-sites and have not included them in this Ph.D. thesis and cited as my own work.

Place: Tiruchirapalli, Tamilnadu

Date: 14.10.2019



Name & Signature of the Scholar
[Vazhavandal G.]

Certificate from the Supervisor

This is to certify that the above statement made by the candidate is correct to the best of my/our knowledge. Certified that a check for plagiarism has been made on the software available in the University and the contents of thesis have been found free from plagiarism within permissible limits.



Name and Signature of the Supervisor
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