

Trichy SRM Medical College Hospital and Research Centre
Tiruchirapalli, Tamilnadu, India
Postgraduation Dissertations

S. No.	Department	Student	Research title	Year	Guide
2013-2016					
1	Anatomy	Dr. P. Mangaiyarkarasi	Computerized tomographic study of morphology of the cranial vault and diploic space in pediatric age group	2013 - 2016	Dr. SD. Nalina Kumari , Prof. and Head of Anatomy
2	Biochemistry	Dr. N. Navaneetha Lakshmi	A study of relationship of antimullerian hormone in women with normo ovulatory and PCOS	2013 - 2016	Dr. Kalavathy Ponniraivan , Prof. and Head of Biochemistry
3	Biochemistry	Dr. J. Selvi	A study of metabolic syndrome in Psoriatic patients	2013 - 2016	Dr. Kalavathy Ponniraivan , Prof. and Head of Biochemistry
4	Biochemistry	Dr. A. Synthiya	Estimation of high sensitivity CRP and lipoprotein (a) in COPD	2013 - 2016	Dr. Kalavathy Ponniraivan , Prof. and Head of Biochemistry
5	Microbiology	Dr. M. Nivitha	Identification of NFGNB from clinical, environmental samples and detection of imipenem gene from imipenem resistant isolates	2013 - 2016	Dr. A. Uma , Prof. and Head of Microbiology
6	Microbiology	Dr. J. Meera	Prevalence of leptospirosis in canine and canine pet owners other occupational risk groups	2013 - 2016	Dr. A. Uma , Prof. and Head of Microbiology
7	Pathology	Dr. V. Monica	Pap smear as a tool for evaluating cervical dysplasia and malignancy-hospital based study	2013 - 2016	Dr. V. Sarada , Prof. and Head of Pathology
8	Pathology	Dr. N. Sangeetha	Evaluation of breast lump clinically, radiologically, cytologically, histopathologically and IHC correlation	2013 - 2016	Dr. R. Pramila , Prof. of Pathology

9	Pharmacology	Dr. A. Jegan	A study on the prevalence of vitamin D on the glycemic control and lipid profile in type 2 diabetic mellitus in a rural tertiary care hospital	2013 - 2016	Dr. S. Manickavasagam, Prof. and Head of Pharmacology
10	Pharmacology	Dr. S. Bhuvaneshwari	A comparative study of sitagliptin and vildagliptin on glycemic control and serum lipid levels in type 2 DM in a rural tertiary care hospital	2013 - 2016	Dr. P. Revathi, Associate Professor of Pharmacology
11	Physiology	Dr. B. Aanantha Lakshmi	Pattern of coagulation profile in patients with trauma	2013 - 2016	Dr. P. Rajendran, Prof. and Head of Physiology
12	Physiology	Dr. D. Niranjana	Pattern of stress, sleep and neurocognitive behavior during different phases of menstrual cycle in young healthy individuals	2013 - 2016	Dr. Nachal Annamalai, Prof. and Head of Physiology
2014-2017					
13	Biochemistry	Dr. V. Kayalvizhi	A thyroid profile status in type 2 DM patients	2014 - 2017	Dr. Kalavathy Ponniraivan, Prof. and Head of Biochemistry
14	Microbiology	Dr. M. Jane Esther	Prevalence, phenotyping and molecular detection of bla NDM-1 and bla OXA-51 genes in carbapenemase producing strains among the carbapenem resistant Enterobacteriaceae	2014 - 2017	Dr. A. Uma, Prof. and Head of Microbiology
15	Microbiology	Dr. M. Shalini	Speciation, virulence factors detection, antifungal susceptibility testing of Candida isolated from heterogenous clinical samples	2014 - 2017	Dr. A. Uma, Prof. and Head of Microbiology
16	Pathology	Dr. S. Manimegalai	Histopathological analysis of scaly skin lesions of non infections etiology	2014 - 2017	Dr. S. Priya Banthavi, Asso. Prof. of Pathology

17	Pathology	Dr. S. Lalitha	Morphological evaluation of lymphocytes on peripheral smear examination in adult patients with lymphocytosis and its clinical correlation	2014 - 2017	Dr. V. Sarada, Prof. and Head of Pathology
18	Pharmacology	Dr. T. Sudha Nandhini	A Study about the efficacy of Rosuvastatin versus conventional DMARDS in Rheumatoid Arthritis patients in a rural tertiary care hospital	2014 - 2017	Dr. K. Vasanthira, Prof. and Head of Pharmacology
19	Pharmacology	Dr. G. Chinthana	A Randomized clinical study to compare the efficacy of Metformin versus Myoinositol in women with polycystic ovarian syndrome	2014 - 2017	Dr. P. Revathi, Prof. of Pharmacology

2015 - 2018

1	Anatomy	Dr. M.S. Divya	A study of expression of relaxin receptor in normal and fibroid uterus using immune histochemistry	2015 - 2018	Dr. T.S. Guga Priya, Asso. Prof. of Anatomy
2	Anatomy	Dr. G. Venkatesh	An immunohistochemical study of relaxin receptor in human physiological and preeclamptic placentae	2015 - 2018	Dr. SD. Nalina Kumari, Prof. and Head of Anatomy
3	Physiology	Dr. SV. Ajantha	Effects of breakfast omission on sleep quality, cognition and glucose homeostasis in adults	2015 - 2018	Dr. Nachal Annamalai, Prof. and Head of Physiology
4	Physiology	Dr. S. Tamilsudar	Influence of exercise stress test on cardiovascular autonomic function among individuals with different categories of body mass index	2015 - 2018	Dr. Nachal Annamalai, Prof. and Head of Physiology
5	Physiology	Dr. R. Preetha	Correlation between the anthropometric measurements with abdominal fat thickness and lipid profile	2015 - 2018	Dr. M. Muhil, Asso. Prof. of Physiology

6	Biochemistry	Dr. R. Nachiappan	The study of serum testosterone and high sensitivity C-reactive protein levels in type – 2 diabetic men	2015 - 2018	Dr. Kalavathy Ponniraivan, Prof. and Head of Biochemistry
7	Biochemistry	Dr. G. Anitha	A study of serum visfatin levels, atherogenic index and body fat distribution in young obese adults.	2015 - 2018	Dr. Kalavathy Ponniraivan, Prof. and Head of Biochemistry
8	Biochemistry	Dr. M. Ganesh Pandiyan	Estimation of calcium, phosphorus, alkaline phosphatase and intact parathyroid hormone in various stages of chronic kidney disease	2015 - 2018	Dr. Kalavathy Ponniraivan, Prof. and Head of Biochemistry
9	Microbiology	Dr. J.D. Jahappriya	Detection of virulence markers of Uropathogenic <i>E. coli</i> and its antibiotic susceptibility pattern	2015 - 2018	Dr. A. Uma, Prof. and Head of Microbiology
10	Microbiology	Dr. I. Selvi	Study on biofilm production and gene detection of bacteria isolated from device associated infections and their correlation with antimicrobial resistance	2015 - 2018	Dr. A. Uma, Prof. and Head of Microbiology
11	Pathology	Dr. R. Akila	Cytopathological spectrum of thyroid lesions – a hospital based study	2015 - 2018	Dr. S. Priya Banthavi, Asso. Prof. of Pathology
12	Pharmacology	Dr. K. Kadiravan	Evaluation and comparison of tolerability and efficacy of ferrous fumarate and carbonyl iron in pregnant women with iron deficiency anemia	2015 - 2018	Dr. K. Vasanthira, Prof. and Head of Pharmacology
13	Pharmacology	Dr. Leena	In vitro study of antimutagenic properties of <i>Eclipta alba</i> by Ames test	2015 - 2018	Dr. S. Vijayarangan, Asso. Prof. of Pharmacology

2016 - 2019

1	Anatomy	Dr. M. Kavipriya	An analysis of cytological, cytogenetic and hematological effects of	2016 - 2019	Dr. S.D. Nalinakumari, Prof. and Head of
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			occupational formaldehyde exposure among medical professionals		Anatomy
2	Physiology	Dr. A.V. Lavanya	Analysis of pulmonary function test on various categories of BMI	2016 - 2019	Dr. Nachal Annamalai, Prof. and Head of Physiology
3	Biochemistry	Dr. B. Ramya	A correlation study on plasma vitamin D levels with BMI, HbA1C and lipid profile in risk assessment for coronary artery diseases	2016 - 2019	Dr. Kalavathy Ponniraiyan, Prof. and Head of Biochemistry
4	Biochemistry	Dr. T. Jayakala	A study on eGFR, protein creatinine ratio, thyroid and lipid profile on assessing risk factors for renal dysfunction	2016 - 2019	Dr. Kalavathy Ponniraiyan, Prof. and Head of Biochemistry
5	Pathology	Dr. V. Bavithra	Histomorphological study of gastric biopsies and gastrectomy specimens and their correlations with <i>H. pylori</i>	2016 - 2019	Dr. Jayashree G. Pawar, Prof. of Pathology
6	Pathology	Dr. Rathika	Histopathological analysis of endometric changes in association with myometrial lesions of hysterectomy specimens	2016 - 2019	Dr. K. Ambedkar Raj, Prof. of Pathology
7	Microbiology	Dr. Deepalatha	Prevalence and pattern of aerobic bacterial infection in advance chronic kidney disease patient in a tertiary care hospital	2016 - 2019	Dr. A. Uma, Prof. and Head of Microbiology
8	Microbiology	Dr. G. Dhanalakshmi	Bacteriological profile, antibiogram and risk factors in surgical site infections in a tertiary care hospital	2016 - 2019	Dr. A. Uma, Prof. and Head of Microbiology
9	Pharmacology	Dr. K. Vairavel Prakash	A comparative study of Atorvastatin and atorvastatin plus omega 3 fatty acid in patients with dyslipidemia in a tertiary care hospital	2016 - 2019	Dr. K. Vasanthira, Prof. and Head of Pharmacology

10	Pharmacology	Dr. K.S. Saravanan	A study on safety, efficacy and cost effectiveness daily regimen of terbinafine (vs) pulse therapy itraconazole in patients with finger nail onychomycosis in a tertiary care hospitals	2016 - 2019	Dr. K. Vasanthira, Prof. and Head of Pharmacology
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2017 - 2020

1	Anatomy	Dr. J. Suguna Alamelu	Micronucleus assay on buccal mucosa of chronic tobacco users	2017 - 2020	Dr. C. Gnanavelraja, Asso. Prof. of Anatomy
2	Physiology	Dr. K.G. Karthickeyan	Normative Data for median nerve conduction study in Trichy, South India	2017 - 2020	Dr. Nachal Annamalai, Prof. and Head of Physiology
3	Biochemistry	Dr. S. Santhini	Evaluation of liver enzymes, lipid profile and glycemic status among patients with non-alcoholic fatty liver disease – a cross sectional study	2017 - 2020	Dr. Kalavathy Ponniraiyan, Prof. and Head of Biochemistry
4	Pathology	Dr. A. Haretha	Study of co-relation of placental morphology with morphometrical features of fetus in high risk pregnancy	2017 - 2020	Dr. K. Ambedkar Raj, Prof. of Pathology
5	Pathology	Dr. Vinothini	Clinicopathological evaluation and HER-2 expression in gastric adenocarcinomas – hospital based observational study	2017 - 2020	Dr. S. Priya Banthavi, Asso. Prof. of Pathology
6	Microbiology	Dr. Saro Thanga Sangeetha	Prevalence of Hepatitis B, hepatitis C and HCV genotypes in haemodialysis patients	2017 - 2020	Dr. G. Vazhavandal, Asso. Prof. of Microbiology
7	Microbiology	Dr. A.S. Sathesini Priya	A clinic microbiological study on infective causes of pyrexia	2017 - 2020	Dr. A. Uma, Prof. and Head of Microbiology
8	Pharmacology	Dr. G. Murali	Effect of different anti-hypertensive drug classes on invasively monitored central aortic pressure and peripheral arterial pressure	2017 - 2020	Dr. K. Vasanthira, Prof. and Head of Pharmacology

2018 - 2021

1	Anatomy	Dr. P. Sankarganesh	Matrix metalloproteinases expression in chronologically heterogenous knee articular cartilage and menisci	2018 - 2021	Dr. S.D. Nalinakumari, Prof. and Head of Anatomy
2	Anatomy	Dr. Rajeshkumar	Tissue expression of matrix metalloproteinase in fetal and adult cornea	2018 - 2021	Dr. S.D. Nalinakumari, Prof. and Head of Anatomy
3	Physiology	Dr. G. Lavanya	Impact of body mass index, waist circumference and physical activity on hearing ability in young adults.	2018 - 2021	Dr. Nachal Annamalai, Prof. and Head of Physiology
4	Biochemistry	Dr. K. Durga Sowmithri	A study on the effect of hemodialysis on urea reduction ratio (URR), serum electrolytes, calcium and phosphorus in patients who are on maintenance hemodialysis.	2018 - 2021	Dr. Kalavathy Ponniraivan, Prof. and Head of Biochemistry
5	Biochemistry	Dr. M. Muthu Uma Maheshwari	A study of association of High sensitivity C-reactive protein, Gamma glutamyl transferase with Body mass index, HbA1c and dyslipidemia in metabolic syndrome.	2018 - 2021	Dr. Kalavathy Ponniraivan, Prof. and Head of Biochemistry
6	Biochemistry	Dr. P. Nivedha	A study on the predictive value of serum ferritin and uric acid as non invasive biomarkers for hepatic fibrosis in non alcoholic fatty liver disease (NAFLD)	2018 - 2021	Dr. Kalavathy Ponniraivan, Prof. and Head of Biochemistry
7	Pathology	Dr. R. Pavithra	Role of platelet indices in disorders associated with thrombocytopenia.	2018 - 2021	Dr. Ambedkar Raj Professor of Pathology
8	Pathology	Dr. K. Shalini	Study of erythrocyte abnormalities in thyroid dysfunction.	2018 - 2021	Dr. S. Priya Banthavi Associate Professor of Pathology
9	Microbiology	Dr. D. Dhilip Rajesh Kumar	A clinic - serological study of TORCH infection among rural antenatal women attending a tertiary care teaching Hospital	2018 - 2021	Dr. A. Uma, Prof. and Head of Microbiology
10	Microbiology	Dr. A. Janarthanan	Bacteriological profile of symptomatic and asymptomatic bacteriuria in pregnant women	2018 - 2021	Dr. G. Vazhavandal, Asso. Prof. of Microbiology

11	Pharmacology	Dr. T. Amrutharaja Saranya	<i>In vitro</i> antimicrobial activities of condiments mediated silver nanoparticles against multidrug resistant pathogens	2018 - 2021	Dr. S. Vijayarangan, Asso. Prof. of Pharmacology
12	Pharmacology	Dr. A. B. Farook Abdulla	Comparison of efficacy & safety of levocetirizine alone or in combination with montelukast in patients of allergic rhinitis	2018 - 2021	Dr. K. Vasanthira, Prof. and Head of Pharmacology