

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 heterogeneous 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 Ponniraivan , 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 Ponniraivan , 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 endometrial 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
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