

## RESEARCH PROJECTS

Apart from rendering services to the patients, the faculty are actively involved in research activities under the financial assistance of Central, State Government and private funding agencies, the details of projects on going are as follows;

### **Details of projects (ongoing / completed) with extra mural funding agencies**

S. No.	Investigator	Funding Agency	Title of the Project	Status	Grant of money (Rupees)
1.	Dr.Amineni Umamaheswari	DBT, Ministry of Science & Technology, Govt. of India, New Delhi (2006 onwards)	Creation of Bioinformatics infrastructure Facility (BIF) for promotion of Biology Teaching through Bioinformatics (BTBI)	Completed in 2010	Rs. 52.91 lakhs
2.	Dr Alok Sachan	A.P.State Council of Science & Technology	Vitamin D receptor polymorphism in subjects with Vitamin D deficiency	Completed in 2012	63,000
3.	Dr KK. Sharma	DRDO	Double Blind Study of Leptospirosis Dengue & Malaria among Patients Samples having Thrombocutopenia/Hyp erbilliru-binaemia /Uremia	Completed in 2012	6,70,000
4.	Dr V. Suresh	ICMR	Effect of acute severe illness on the Hypothalamo-Pituitary-Gonadal Axis in post menopausal women	Completed in 2013	6,46,490
5.	Dr.Alok Sachan	Indian Council of Medical Research.	StatusofHypothalamicPit uitaryAxisinpatientswith meningitis & meningoencephalitis.	Completed in 2013	12,28,500
6.	Dr.T.C.Kalawat & Dr.Ravi Chittoria	INMAS, DRDO, New Delhi	ToevaluatetheefficacyofT c99mCefrixoneinOrthope dicinfecton	Completed in 2013	Supply of Free material kit sand technology to use.
7.	Dr.T.C.Kalawat Dr.P.Sudhakar, Prof.&HOD of Psychiatry, SVMC,Tirupati.	INMAS, DRDO, New Delhi	RoleofBrainSPECTinevalu ationofneuro- cognitivediscorders.	Completed in 2013	3,50,000
8.	Dr.Alladi Mohan Prof. & HoD of Medicine	Department of Biotechnology Ministry of Science & Technology, Government of India.	Efficacyoforalzincadmini strationasanadjunctther apyinCategoryIPulmonar yTuberculosisalongwitha sassessmentofimmunologi calparameters(Double- blind,Randomized,Place bo-Controlled, Multicenter Clinical Trial)	Completed in 2013	63,38,000

9.	Dr.Alladi Mohan Professor & HOD of Medicine	Central TB Division, Ministry of Health and Family Welfare, Nirman Bhavan, Govt.ofIndia, New Delhi.	Evaluationoftheefficacy ofthriceweeklyDOTS regimeninTB pleuraleffusionatsixmo nths(multicenterprojec t)	Completed in 2013	43,09,845 (Total)
10.	Dr Alladi Mohan, Professor & HOD of Medicine	European Union	Sustainingresearchmo mentumoverthecoming decades:mentoringthe nextgenerationofresear chersfortuberculosis.(T BSusgent)	Completed in 2013	Euros182,000  1,22,66,800 @1Euro= Rs.67.4/-
11.	Dr. C. Bhuvanewari Devi, Asst. Prof., Dept. of Biotechnology	Behavioural and Neurochemical alterations of manganes exposure in young and adult rats	SERB, New Delhi	Completed in 2014	4,00,000
12.	Dr Alladi Mohan Professor & Head Dept. of Medicine	Indian Council of Medical Research, New Delhi	A Prospective Double- blind Randomized controlled Trial (RCT) to determine the effect of vitamin D supplementation of the development of active tuberculosis and pneumonia in HIV- infected individuals.	Completed in 2015	6,98,824
13.	Dr A. Umamaheswari Assoc. Professor of Dept. of Bioinformatics	DBT, Ministry of Science & Technology, Govt. of India, New Delhi	Creation of BIF for the promotion of Biology Teaching through Bio- Informatics (BTBI)	Completed in 2015	87,22,000
14.	Dr.Alladi Mohan, Professor & Head of Medicine.	Directorate General of Health Services, New Delhi.	Evaluation of the efficacy of thrice weekly DOTS regimen in TB pleural effusion at six months (multicenter project).	On progress	11,27,743
15.	Dr. A.Umamaheswari, Assoc. Professor of Bioinformatics	DBT, Ministry of Science & Technology, Govt. of India, New Delhi.	Creation of BIF for the promotion of Biology Teaching through Bio- Informatics (BTBI) scheme of BTISnet.	On progress	1,01,22,000
16.	Dr Alladi Mohan Professor & Head Dept. of Medicine	Indian Council of Medical Research, New Delhi	A prospective Double- blind Randomized Controlled Trial (RCT) to determine the effect of Vitamin D supplementation of the development of active tuberculosis and pneumonia in HIV- infected individuals.	On progress	12,52,828

17.	Dr.Alok Sachan, Prof. & HoD Dept. of Endocrinology	Indian Council of Medical Research, New Delhi	Pancreatic islet antibodies in adults (latent autoimmune diabetes in adults) and youth with type-2 diabetes mellitus; prevalence, clinical immunological and genetic studies.	On progress	3,72,664
18.	Dr.Usha Kalawat, Professor Dept. of Microbiology	Indian Council of Medical Research, New Delhi	Establishment of a network of laboratories for managing epidemics and natural calamities	On progress	1,96,90,000
19.	Dr.Alladi Mohan, Prof. & HoD Dept. of Medicine.	Science & Engineering Research, New Delhi.	To Study the effect of mobile phones on well being, sleep and cognitive function.	On progress	25,00,000
20.	Dr.Alladi Mohan, Prof. & HoD Dept. of Medicine.	Indian Council of Medical Research, New Delhi	Impact of package of intensive smoking cessation interventions versus recommended, basic smoking cessation advice on outcomes in smear-smear-positive patients with pulmonary tuberculosis.	On progress	6,68,923
21.	Dr.T. S.Ravikumar Director – Cum – VC	Dept. of Science & Technology, New Delhi	NANO Mission – Pancreatic Cancer Development of a nanotheranostic tool for Pancreatic Cancer"	On progress	1,15,000

## DETAILS OF ONGOING / COMPLETED PROJECTS WITH INTRA MURAL GRANTS

Sri Balaji Aarogyavaraprasadini scheme of SVIMS, TTD offers financial assistance partially / fully for the research carried out by the Faculty, Post Graduates of modern medicine and Research scholars.

i) Faculty:

S. No	Name	Title of the project	Grant Sanctioned Rs. & Year
1.	Dr D. Rajasekhar Professor & Head of Cardiology	Clopidogrel resistance in patients with acute coronary syndromes, chronic stable angina undergoing percutaneous coronary interventions and its correlation with fenetic polymorphisms for CYP2C19.	10,30,040 (2012)
2.	Dr V. Vanajakshamma Assoc. Professor of Cardiology	Study of the relationship between plasma level of adiponectin and severity of coronary artery lesions on the angiogram in patients with metabolic syndrome.	57,860 (2012-)
3.	Dr Ch. Shashanka Asst. Prof. of Cardiology	Acute coronary syndrome and impaired glucose tolerance.	1,78,000 (2012)
4.	Dr M. Laxmi Srinivasa Kumar, Asst. Professor of Cardiology	Study of N-Terminal Pro-B-Type Na triuretic Peptide (NT-pro BNP) levels in Unstable Anginal Patients with Preserved left Ventricular systolic function and its correlation with severity of the coronary lesions.	82,500 (2012)
5.	Dr B. Siddartha Kumar Professor, Medicine	Prevalence of etiological overlap between rheumatoid arthritis and PAPA syndrome	60,000-00 (2013)
6.	Dr V. Siva Kumar Professor & Head Nephrology	Study of Cardiovascular Risk Factors in adults with chronic kidney disease	2,33,500-00 (2013)
7.	Dr M.M. Suchitra Assoc. Professor Biochemistry	Association between non-alcoholic fatty liver disease and T2DM: Role of adipokines and endotoxins	3,27,750 (2014)
8.	Dr D. Rajasekhar Professor & Head Cardiology	Predictive value of D-dimer levels and tissue Doppler mitral annular systolic velocity for detection of left atrial Appendage Thrombus in patients with Mitral stenosis in Sinus Rhythm	1,78,750 (2014)
9.	Dr D. Rajasekhar Professor & Head Cardiology	The correlation of NT-PRO BNP with Echocardiographic indices including 3D Vena contracta width in the assessment of severity of MR	99,000 (2014)
10.	Dr Aparna R. Bitla Asso. Professor Biochemistry	Utility of serum prostate specific antigen and free prostate specific antigen measurements in combination with serum CA 15.3 and serum CEA in breast tumours	3,91,500 (2014)
11.	Dr Aparna R. Bitla Asso. Professor Biochemistry	Novel biomarkers in studying the contrast induced effects on kidney	2,26,800 (2014)
12.	Dr Aparna R. Bitla Asso. Professor Biochemistry	Measurement of thyroid hormones in saliva	1,67,100 (2014)

13.	Dr Alok Sachan Professor & Head Endocrinology	Hypothalamic pituitary insufficiency in patients with central nervous system infections	1,78,600 (2014)
14.	Dr Alok Sachan Professor & Head Endocrinology	Organ specific autoimmunity in type 1 diabetes mellitus	3,73,100 (2014)
15.	Dr D. Rajasekhar Professor & Head Cardiology	A study of efficacy and resistance of thienopyridine antiplatelet drugs in Indian patients undergoing percutaneous coronary intervention and correlation of Clopidogrel resistance to genetic polymorphisms of ABCB1 3435 T gene.	7,50,000 (2014)
16.	Dr D. Rajasekhar Professor & Head Cardiology	Correlation of plasma 25-Hydroxy-Vitamin D level with angiographic severity of coronary artery disease	3,71,250 (2014)
17.	Dr M. Manickavasagam Professor & Head Medical Oncology	Assessment of predictive value of inflammatory markers and inflammation based prognostic scores in newly diagnosed patients with carcinoma breast or carcinoma ovary planned for neoadjuvant chemotherapy and in newly diagnosed patients with metastatic breast carcinoma or metastatic non small cell lung carcinoma or metastatic colorectal carcinoma planned for palliative chemotherapy.	1,44,000 (2014)
18.	Dr V. Suresh Professor Endocrinology	Body composition, Blood Glucose, and Insulin Resistance in Hypothyroidism before and after Restoration of Euthyroidism	4,27,440 (2015)
19.	Dr V. Suresh Professor Endocrinology	Relationship between hyperprolactinemia and adrenal hyperandrogenism in the polycystic ovary syndrome	1,45,340 (2015)
20.	Dr D. Rajasekhar Professor & Head Cardiology	Genetic polymorphism of cytochrome P450 and its association with endothelial dysfunction in patients with coronary artery disease	3,22,980 (2015)
21.	Dr D. Rajasekhar Professor & Head Cardiology	Assessment of On-Clopidogrel platelet Reactivity, Coronary artery disease severity (Syntax score) and Genetic Polymorphisms in predicting one year clinical outcomes in patients with STEM undergoing PCI with stent implantation	3,75,000 (2015)
22.	Dr Alok Sachan Professor & Head Endocrinology	Vascular and neurological impairment in patients with type 2 diabetes mellitus and foot ulcer	7,54,600 (2015)
23.	Dr V. Suresh Professor of Endocrinology	Effect of adequate thyroid hormone replacement on the hypothalamo pituitary gonadal axis in premenopausal women with primary hypothyroidism	2,65,000 (2015)
24.	Dr D. Rajasekhar Professor & Head Cardiology	Assessment of relationship between CT derived coronary artery Calcium score, carotid artery intimal medial thickness with severity of CAD	5,06,250 (2015)
25.	Dr P.V.L.N. Srinivasa Rao, Sr. Professor & Head, Biochemistry	Study of circulating serum micornas in breast cancer	1,56,600 (2015)

26.	Dr Aparna R Bitla Associate Professor Biochemistry	Role of Adipocytokines in the development of breast cancer	4,91,800 (2015)
27.	Dr K.V. Sreedhar Babu Associate Professor Transfusion Medicine	A Study on prevalence of clinically significant proteinaceous blood group antigens (Rh, Kell, Kidd and Duffy) in blood donors in Andhra Pradesh.	4,19,400 (2015)
28.	Dr Usha Kalawat Associate Professor Microbiology	Detection of Chlamydia trachomatis and herpes simplex virus-2 Infections, Among Clinically Suspected women with Cervical Cancer or Precancerous Lesions	4,11,510 (2015)
29.	Dr V. Siva Kumar Sr. Professor & Head Nephrology	A Study on relationship between osteopontin and cardiovascular risk factors and carotid intima-media thickness in chronic kidney disease (pre-dialysis)	3,51,125 (2016)
30.	Dr V. Siva Kumar Sr. Professor & Head Nephrology	Changes in inflammatory and oxidative stress markers during a single hemodialysis session.	1,05,300 (2016)
31.	Dr A. Mohan Professor & Head Medicine	Prediction of lung morphometry through scintigraphy - Towards a path for personalized medicine	16,500 (2016)
32.	Dr D. Rajasekhar Sr. Professor & Head Cardiology	Study of spontaneous echo contrast and mitral annular systolic velocity and late emptying velocity before and after PTMC in patients with MS in sinus rhythm	50,000 (2016)
33.	Dr Tekchand Kalawat Professor & Head Nuclear Medicine	Utility of F18 FDG Brain PET-CT scan in evaluation of regional brain metabolism in patients with PNES	1,98,000 (2016)
34.	Dr D. Rajasekhar Sr. Professor & Head Cardiology	Usefulness of 128-slice multidetector computed tomography in diagnosis of coronary artery disease in patients with chest pain and negative or nondiagnostic exercise treadmill test result	6,46,760 (2016)
35.	Dr V. Suresh Professor, Endocrinology	Pulmonary function in hypothyroidism before and after restoration of euthyroid status	88,550 (2016)
36.	Dr Alok Sachan Professor & Head Endocrinology	Gastric autoimmunity in patients with type 1 diabetes mellitus	20,70,500 (2016)
37.	Dr A. Mohan Professor & Head Medicine	Health Status of persons working in a zoo	3,84,375 (2016)
38.	Dr Amit Kumar Chowhan Associate Professor Pathology	Usefulness of Dual-staining with $\alpha$ -Methylacyl CoA reductase (AMACR/P504S) & p63 Cocktail for the Detection of Prostate Carcinoma	4,50,000 (2016)
39.	Dr T. Kannan Prof. & Head Medical Oncology	Assessment of predictive value of inflammatory markers and inflammation based prognostic scores in newly diagnosed patients with carcinoma breast or carcinoma ovary planned for neoadjuvant chemotherapy and in newly diagnosed patients with metastatic breast carcinoma or metastatic non small cell lung carcinoma or metastatic colorectal carcinoma planned for palliative chemotherapy	1,86,000 (2016)

40.	M.M. Suchitra Assoc. Prof. Biochemistry	Tumor markers in chronic kidney disease	3,34,400 (2016)
41.	Dr Alok Sachan Professor & HoD Endocrinology	A pilot study on celiac disease in type 1 diabetes mellitus	1,51,980 (2017)
42.	Dr PVLN. Srinivasa Rao Sr. Professor & HoD Biochemistry	Study of serum adiponectin levels in type 2 diabetic mellitus patients with albuminuria	82,875 (2017)
		Association of serum adiponectin with disease activity in patients with rheumatoid arthritis	78,900 (2017)
		Study of serum adiponectin levels in women with polycystic ovary syndrome	34,300 (2017)
43.	Dr Pranabandhu Das Radiotherapy	To compare the incidence of radiation induced hypothyroidism after exposure to more than vs less than 50% of total thyroid volume to 45 Gy following external beam radiation therapy in patients with head and neck cancer	6,50,000 (2017)
44.	Dr V.V. Ramesh Chandra Assoc. Professor Neurosurgery	A study on optimal timing of cranioplasty for cases of decompressive craniectomy	2,40,000 (2017)
45.	Dr PVLN Srinivasa Rao Sr. Prof. & HoD Biochemistry	Novel urinary biomarkers for early detection of diabetic nephropathy in patients with type 2 diabetes mellitus	73,800 (2017)
46.	Dr D. Rajasekhar Prof. & HoD Cardiology	Right ventricular strain, strain rate and pulmonary function before and after percutaneous balloon mitral valvuloplasty in patients with severe mitral stenosis	70,200 (2017)
47.	Dr D. Rajasekhar Prof. & HoD Cardiology	Value of resting and stress myocardial deformation assessment by two dimensional speckle tracking echocardiography to predict the presence, extent and localization of coronary artery affection in patients with suspected stable coronary artery disease	88,000 (2017)
48.	Dr MM Suchitra Assoc. Professor Biochemistry	Patterns and prevalence of dyslipidemia in obese persons in Chittoor District	18,000 (2017)
49.	Dr PVLN Srinivasa Rao Sr. Prof. & HoD Biochemistry	Screening for thyroid disorders in medical undergraduate students	47,250 (2017)
50.	Dr Alok Sachan Prf. & HoD Endocrinology	Prevalence of Autonomic Neuropathy in patients with type 2 diabetes mellitus with special reference to cardiac Autonomic Neuropathy	5,19,470 (2017)
51.	Dr V. Suresh Professor of Endocrinology	Effects of adequate treatment of hyperthyroidism on glycated hemoglobin levels in nondiabetic subjects with hyperthyroidism	2,16,200 (2017)
52.	Dr PVLN Srinivasa Rao Sr. Prof. & HoD Biochemistry	A study of Non Traditional Biochemical markers of cardiovascular risk in relation to the level of fasting glycemia in patients with type 2 diabetes mellitus	87,000 (2017)
53.	Dr Aparna R Bitla Assoc. Prof. Biochemistry	Study of anti-atherogenic effects of rosuvastatin in patients with type 2 diabetes mellitus	2,47,500 (2017)

54.	Dr A Mohan Prof. & HoD Medicine	Influence of aerobics versus indoor cycling on body composition and lung function in over weight and obese female subjects	1,51,200 (2017)
55.	Dr B. Silpa Kadiyala Asst. Professor Radiology	The role of magnetic resonance imaging (MRI) in pre-operative assessment of rectal carcinoma with regard to local staging, circumferential resection margin and mesorectal fascia involvement	1,94,250 (2017)
56.	Dr B. Vijayalakshmi Devi Addl. Professor Radiology	An observational study of pre and post contrast MRI features of invasive breast carcinoma	2,40,000 (2017)

## ii) MD/DM/MCh Post Graduates

Sl. No.	Name of the Post graduate/ Researcher	Title of the project	Grant Sanctioned & Year (Rupees)
1.	Dr T. Chandrasekhar, Postgraduate Junior Resident in MD (Biochemistry)	Prevalence of factors Influencing endothelial function in pediatric obesity	25,000-00 (2012)
2.	Dr D. Rajitha, Postgraduate Senior Resident in DM (Endocrinology)	Autoimmunity in Type-1 Diabetes Mellitus	25,000-00 (2012)
3.	Dr Epuri Sunil, Postgraduate Senior Resident in DM (Endocrinology)	Growth, pubertal development and Bone age in Children with type 1 diabetes mellitus	25,000-00 (2012)
4.	Dr K.P. Ranganayakulu, Postgraduate Senior Resident in DM (Cardiology)	Plasma N-Terminal Pro B-Tpe Natriuretic Peptide (Nt-Probnb) Levels as Marker of Adequacy of Valvotomy in-patients with Rheumatic Mitral stenosis	25,000-00 (2012)
5.	Dr Naresh Yajamanam , Postgraduate Junior Resident in MD (Biochemistry)	Clinical utility of Salivary Parameters in Diagnosis and Monitoring of Renal Failure	25,000-00 (2012)
6.	Dr K. Radhakrishna Postgraduate Senior Resident in M.Ch (Surgical Gastroenterology)	Prospective randomized study comparing Billorth II with braun anastomosis versus Roux-En-Y-Reconstruction after radical distal subtotal gastrectomy of gastric cancer	25,000-00 (2012)
7.	Dr A. Sailaja Postgraduate Senior Resident in DM (Endocrinology)	Effects of thyroid hormone replacement on HBA1c levels in non diabetic subjects	25,000-00 (2012)
8.	Dr S. Aparna Reddy, Postgraduate Junior Resident in MD (Medicine)	Diagnostic utility of glycosylated haemoglobin in diagnosing type 2 diabetes mellitus in-patients presenting to a tertiary care teaching hospital in South India	25,000-00 (2012)
9.	Dr B. Suresh Babu Postgraduate Junior Resident in MD (IHBT)	Unexpected antibodies in the antenatal women attending the Government Maternity hospital, Tirupati	25,000-00 (2012)
10.	Dr Mukka Arun Postgraduate Senior Resident in DM (Endocrinology)	Prevalence of ISLET auto immunity among patients with type 2 diabetes mellitus	25,000-00 (2012)



11.	Dr G.L. Sumanth Kumar Postgraduate Junior Resident in MD (Microbiology)	A study to evaluate the sensitivity and specificity of ELISA taking indirect immunofluorescence as reference test in detecting aitamtonpdoies related to connective tissue disorders and further differentiating them by Western blot.	25,000-00 (2012)
12.	Dr C. Siva Sankara Postgraduate Senior Resident in DM (Cardiology)	The prognostic significance of NT-PRO BNP 3D LA volume and LV dyssynchrony in-patients with acute ST elevation myocardial infarction (STEMI) undergoing primary percutaneous intervention (PCI).	25,000-00 (2012)
13.	Dr K.Sudheer Reddy Postgraduate Senior Resident in DM (Medical Oncology)	Assessment of Hematologic, Cytogenetic, Molecular response to imatinib mesylaten chronic myeloid leukemia	25,000-00 (2013)
14.	Dr A.V.S.S.N. Sridhar Postgraduate Senior Resident in DM (Nephrology)	To study oxidant and antioxidant status in chronic kidney disease in adults.	25,000-00 (2013)
15.	Dr B.Varalakshmi Devi Postgraduate Senior Resident in DM (Nephrology)	Study of plasma osteopontin levels in patients with acute kidney injury requiring dialysis	25,000-00 (2013)
16.	Dr Anju Verma Postgraduate Junior Resident in MD (Microbiology)	Prevalence of hepatitis C virus infection and its Genotypes among the blood donors at Tirupati, Andhra Pradesh	25,000-00 (2013)
17.	Dr P. Swathi, Postgraduate Junior Resident in MD (Biochemistry)	Utility of serum total prostate specific antigen and free prostate specific antigen measurements in combination with serum CA 15-3 and Serum CEA in breast tumours	25,000-00 (2014)
18.	Dr Srinivasa Rao .CH Postgraduate Senior Resident in DM (Endocrinology)	Hypothalamic pituitary insufficiency in patients with central nervous system infection	25,000-00 (2014)
19.	Dr S. Sangeetha, Postgraduate Senior Resident in DM (Endocrinology)	Body composition, blood glucose and insulin resistance in hypothyroidism before and after restoration of Euthyroidism	25,000-00 (2014)
20.	Dr R. Madhavi Postgraduate Senior Resident in DM (Cardiology)	A study of efficacy and resistance of Thienopyridine antiplatelet drugs in India patients undergoing percutaneous Coronary intervention and to study genetic polymorphism of ABCB1 gene in patients found to have resistance to Clopidogrel	25,000 (2015)
21.	Dr Anath Pai Postgraduate Senior Resident in DM (Medical Oncology)	Assessment of predictive value of inflammatory markers and inflammation based prognostic scores in newly diagnosed patients with carcinoma breast or carcinoma ovary planned for neoadjuvant chemotherapy and in newly diagnosed patients with metastatic breast carcinoma or metastatic non small cell lung carcinoma or metastatic colorectal carcinoma planned for palliative chemotherapy	25,000 (2015)
22.	Dr M. Prasanth Postgraduate Junior Resident in MD (Biochemistry)	Study of markers of oxidative stress and antioxidant status in contrast induced acute kidney injury	25,000 (2015)

23.	Dr Ashok Venkata Narasu Postgraduate Senior Resident in DM (Endocrinology)	Organ specific autoimmunity in type1 diabetes mellitus	25,000 (2015)
24.	Dr A. Sudarsan Postgraduate Senior Resident in MCh (Neurosurgery )	Correlation between clinical presentation, imaging pathology and gene mutations in meningioma	25,000 (2015)
25.	Dr P. Shalini Postgraduate Senior Resident in DM (Endocrinology)	Relationship between hyperprolactinemia and adrenal hyperandrogenism in polycystic ovary syndrome	25,000 (2015)
26.	Dr E. Divya Postgraduate Junior Resident in MD (Pathology)	Detection and analysis of Helicobacter pylori by different staining methods in gastric tissues	25,000 (2015)
27.	Dr M. Anitha Postgraduate Junior Resident in MD (Transfusion Medicine)	Requesting for sanction of financial assist through SBAVP " A study of association of the coronary Artery Disease with ABO and Lewis blood group phenotypes at a tertiary care eaching hospital in South India"	25,000 (2015)
28.	Dr B. Sangeetha Lakshmi Postgraduate Senior Resident in DM (Nephrology)	Changes in inflammatory and oxidative stress markers during a single hemodialysis session	25,000 (2015)
29.	Dr V. Chaitanya Postgraduate Senior Resident in DM Nephrology	A study on relationship between osteopntin and cardiovascular rist factors and carotid intima-media thickness in chronic kidney disease (pre dialysis)	25,000 (2015)
30.	Dr Hari Krishna Reddy M Postgraduate Senior Resident in DM (Nephrology)	Study on relationship between fibroblast growth factor 23 and cardiovascular rist factors and carotid intima media thickness in chronic kidney disease (Pre dialysis)	25,000 (2015)
31.	Dr Anil Kumar C Venkata Postgraduate Senior Resident in DM (Nephrology)	To study plasma SuPAR levels in critically ill patients with acute kidney injury requiring dialysis supports	25,000 (2015)
32.	Dr Harsha Vardhan E.V. Postgraduate Senior Resident in DM (Cardiology)	Assessment of On-Clopidogrel platelet Reactivity, Coronary artery disease severity (Syntax score) and Genetic Polymorphisms in predicting one year clinical outcomes in patients with STEMI undergoing PCI with stent implantation	25,000 (2015)
33.	Dr B. Sandhya Rani Postgraduate Junior Resident in MD (Biochemistry)	Tumor markers in cronic kidney disease	25,000 (2015)
34.	Dr Mohana Sasank Postgraduate Senior Resident in MCh (Neurosurgery)	A prospective study on use of intra-operative application of vancomycin powder in instrumented spinal fusion surgeries	25,000 (2015)
35.	Dr V.S.Srikala Postgraduate Junior Resident in MD (Microbiology)	Study of biochemical and serological charecterisation of beta hemolytic streptococci from various clinical samples submitted to the department of microbiology, SVIMS, Tiruapti	50,000 (2016)
36.	Dr Sree Divya .B Postgraduate Senior Resident in DM (Endocrinology)	Gastric autoimmunity in patients with type 1 diabetes mellitus	50,000 (2016)

37.	Dr Praveena .V Postgraduate Senior Resident in DM (Medical Oncology)	Estimation of plasma Epidermal Growth Factor Receptor (EGFR) mutation status and its correlation with tumor tissue EGFR mutation status in advanced Non-Small Cell Lung Cancer (NSCLC) patients	50,000 (2016)
38.	Dr P. Yeshwanth Postgraduate Senior Resident in DM (Neurology)	Study of neuron specific enolase for assessing the severity and outcome in patients with acute ischemic stroke	48,960 (2016)
39.	Mr P. Pullaiah PhD Scholar Dept. of Biochemistry	Effect of vitamin D supplementation on oxidative stress and inflammation in patients with type 2 diabetes mellitus	2,00,000 (2016)
40.	Ms Sasikala Thallapaneni PhD Scholar Deot. of Biochemistry	Oxidative stress and inflammation in type 2 diabetes mellitus patents with subclinical atherosclerosis	2,00,000 (2016)
41.	Mr Rishi Gowtham .R PhD Scholar Dept. of Microbiology	Molecular characterization and identification of potential Inhibitors for E protein of dengue virus	2,00,000 (2016)
42.	Dr N. Lakshmana Postgraduate Junior Resident in MD (Biochemistry)	Novel urinary biomarkers for early detection of diabetic nephropathy in patients with type 2 diabetes mellitus	50,000 (2017)
43.	Dr. Suresh Babu Tupakula Postgraduate Senior Resident in DM (Cardiology)	Value of resting and stress myocardial deformation assessment by two dimensional speckle tracking echocardiography to predict the presence, extent and localization of coronary artery affection in patients with suspected stable coronary artery disease.	50,000 (2017)
44.	Dr. Ram Prahlad K.M Postgraduate Senior Resident in DM (Medical Oncology)	To Evaluate the role of circulating tumor DNA (CtDNA) for assessing tumor response to chemotherapy in Triple Negative Breast Carcinoma	50,000 (2017)

### iii) Research Scholars

Sl. No.	Name	Title of the project	Grant sanctioned & Year Rs.
1.	VL. Asha Latha Biochemistry	Novel Biomarkers in studying the contrast-induced effects on kidney	1,00,000-00 (2011)
2.	Swarupa Biotechnology	Molecular Characterization of Peptidyl Deformylase and Penta Peptide Ligase from Staphy Lococcus aureus ATCC 12600	90,000-00 (2011)
3.	S. Yeswanth Biotechnology	Molecular Characterizatin of Biofilm Forming proteins from staphylococcus Aureus ATCC12600	90,000-00 (2011)
4.	U. Venkateswara Prasad, Biotechnology	Molecular Characterization of Acid Phosphatase and Alkaline Phosphatase from Staphylococcus Aureus ATCC12600	90,000-00 (2011)
5.	K. Latheef Cardiology	To study the polymorphism of MTHFR, IL-6 and ICAM-1 genes in-patients with Coronary Artery Disease	1,00,000-00 (2011)
6.	A.Madhusudhan Rao PhD Scholar Biochemistry	Role of Adipokines in Endothelial Dysfunction at various stages of Chronic Kidney disease	1,00,000-00 (2013)

7.	Siva Krishna Gouroju PhD Scholar Biochemistry	Gut derived uremic toxins in various stages of chronic kidney disease	1,00,000-00 (2013)
8.	M. Pallavi PhD Scholar Biochemistry	Association between non-alcoholic fatty liver disease and T2DM: Role of adipokines and endotoxins	1,00,000 (2014)
9.	P. Prakesh Babu PhD Scholar Medicine	Study of polymorphisms of interleukin-12 (IL-12B) gene at intron 2, exon 5, and 3'untransalted region (3'UTR) in patients with pulmonary tuberculosis	1,00,000 (2014)
10.	M. Nagaraja PhD Scholar Microbiology	Detection of Human papillomavirum (HPV) and identification of its genotypes among women with suspected cervical cancer and their male partners	1,00,000 (2014)
11.	Dr G. Sowjanya Ph.D Scholar Cardiology	Genetic Polymorphism of cytochromeP450 and its association with endothelial dysfunction in the patients with the coronary artery disease.	1,00,000 (2015)
12.	Mrs M.M. Sunitha PhD Scholar Medicine	In vitro differentiation of cultured human hematopoietic stem cells in to podocytes and beta cells of islets of Longerhans.	1,00,000 (2015)
13.	Ms G.Sarvari PhD Scholar Microbiology	Role of Adipocytokines in the development of breast cancer.	1,00,000 (2015)
14.	Ms K.Rama PhD Scholar Biochemistry	Study of circulating serum micrnas in breast cancer.	1,00,000 (2015)
15.	Mr P. Pullaiah PhD Scholar Dept. of Biochemistry	Effect of vitamin D supplementation on oxidative stress and inflammation in patients with type 2 diabetes mellitus	2,00,000 (2016)
16.	Ms Sasikala Thallapaneni PhD Scholar Deot. of Biochemistry	Oxidative stress and inflammation in type 2 diabetes mellitus patents with subclinical atherosclerosis	2,00,000 (2016)
17.	Mr Rishi Gowtham .R PhD Scholar Dept. of Microbiology	Molecular characterization and identification of potential Inhibitors for E protein of dengue virus	2,00,000 (2016)
18.	Mr. P. Santhosh Kumar,Ph.D. Scholar (Biotechnology)	In vitro differentiation and characterization of cultured human CD34 positive stem cells into hepatocytes, erythrocytes and platelets	2,00,000 (2017)
19.	G.Dharaniprasad Ph.D. Scholar (Anesthesiology)	The influence of G472A Polymorphism of membrane bound Catechol-O Methyltransferase gene on chronic persistent surgical pain in patients undergoing open heart surgeries with median sternotomy".	2,00,000 (2017)
20.	Mr. S. Naresh Research Scholar Dept. of Biochemistry	Study of anti-atherogenic effects of rosuvastatin in patients with type 2 diabetes mellitus	2,00,000 (2017)
21.	Ms. K. Meenakshi PhD Scholar (Microbiology)	Study of atypical pneumonia in a Tertiary care Teaching Hospital of Sri Venkateswar Insittute of Medical Sciences, Tirupati and Sri Venkateswara Ramnarain Ruia (SVRR) Government General Hospital, Tirupati with Molecular characterization of Pneumocystis jiroveci	2,00,000 (2017)