

Research Projects

Apart from rendering service to the patients, the faculty is 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 ongoing projects with extra mural funding agencies

Details of Ongoing Projects

No	Investigator	Funding Agency	Title of the project	Grant of money (Rupees)
1	Dr. Umamaheswari, Assoc. Professor Dept. of Bio-Informatics	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	87,22,000
2	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.	6,98,824
3	Dr. Alok Sachan, Professor & Head, 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.	1,47,000
4	Dr. Usha Kalawat, Assoc. Professor. Dept of Microbiology	Indian Council of Medical Research, New Delhi	Establishment of a network of laboratories for managing epidemics and natural calamities.	1,30,00,000
5	Dr. C. Bhuvaneshwari Devi, Asst. Prof., Dept. of Biotechnology	SERB, New Delhi	Behavioural and Neurochemical alterations of manganese exposure in young and adult rats.	4,00,000
6	Dr. Alladi Mohan, Professor & Head, Dept. of Medicine	NACO	Randomized controlled trial of efficacy and safety of daily, part-daily and thrice weekly intermittent anti-tuberculosis drug regimens in HIV seropositive patients with tuberculosis (HIV + PTB +)	-

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. For the year 2014-15 an amount of Rs. 35,82,850-00 was released. The details are as follows:

For Faculty:

S.No.	Name	Title of the project	Grant SanctionedRs.
1	Dr M.M. Suchitra Assoc. Professor Biochemistry	Association between non-alcoholic fatty liver disease and T2DM: Role of adipokines and endotoxins	3,27,750
2	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
3	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
4	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
5	Dr Aparna R. Bitla Asso. Professor Biochemistry	Novel biomarkers in studying the contrast induced effects on kidney	2,26,800
6	Dr Aparna R. Bitla Asso. Professor Biochemistry	Measurement of thyroid hormones in saliva	1,67,100
7	Dr Alok Sachan Professor & Head Endocrinology	Hypothalamic pituitary insufficiency in patients with central nervous system infections	1,78,600
8	Dr Alok Sachan Professor & Head Endocrinology	Organ specific autoimmunity in type 1 diabetes mellitus	3,73,100
9	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
10	Dr D. Rajasekhar Professor & Head Cardiology	Correlation of plasma 25-Hydroxy-Vitamin D level with angiographic severity of coronary artery disease	3,71,250
11	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

For MD/DM/MCh Post Graduates:

S. No	Name of the Postgraduate / Researcher	Title of the project	Grant Sanctioned (Rupees)
1.	Dr P. Swathi, Postgraduate Resident in (Biochemistry) Junior MD	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
2.	Dr Srinivasa Rao .CH Postgraduate Resident in (Endocrinology) Senior DM	Hypothalamic pituitary insufficiency in patients with central nervous system infection	25,000-00
3.	Dr S. Sangeetha, Postgraduate Resident in (Endocrinology) Senior DM	Body composition, blood glucose and insulin resistance in hypothyroidism before and after restoration of Euthyroidism	25,000-00

Research Scholar (Ph.D)

S.No.	Name	Title of the Project	Grant sanctioned Rs.
1.	M. Pallavi PhD Scholar Biochemistry	Association between non-alcoholic fatty liver disease and T2DM: Role of adipokines and endotoxins	1,00,000
2.	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
3.	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