

Sri Ramachandra University

(Declared under Section 3 of the UGC Act, 1956)

Porur, Chennai – 600 116

i) Recommendations for GATE Project Grant to young faculty members after Expert Committee evaluation: 2016 - 2017

S.No	Title	Principal Investigator	Co-Investigators	Quantum of Grant Recommended
1.	Putative role of antiaging protein klotho and arterial stiffness in chronic kidney disease	Ms.B.Gowdhami Demonstrator, Department of Physiology, SRMC & RI	Dr.Priscilla Johnson Professor, Department of Physiology, SRMC Dr.S.Ramalalshmi Professor and Senior Consultant, Department of Nephrology, SRMC	Lab Consumables & Kits- Rs. 90,000/- Report preparation - Rs.2,000/- Contingency- Rs.3,000/- Publication cost & Proposal submission - Rs. 5,000/- Total- Rs. 1,00,000/-
2.	Estimation of macroprolactin among patients with hyperprolactinemia	Dr.N.Siddhartha Senior Resident, Department of Reproductive Medicine and Surgery	Dr.N.Sanjeeva Reddy Professor & HOD., Department of Reproductive Medicine and Surgery, SRMC & RI Dr.Shriraam Mahadevan Associate Professor, Department of Endocrinology, SRMC & RI	Lab Consumables & Testing charges-Rs. 80,000/- Travel Expenses- Rs.5,000/- Contingency- Rs.5,000/- Publication cost & Proposal submission - Rs. 5,000/- Total- Rs. 95,000/-
3.	Evaluation of genetic polymorphisms in ABCBI and CEP72 genes as pharmacogenetic markers in patients receiving vincristine based chemotherapy	Dr.D.Ramya Assistant Professor, Department of Pharmacology, SRMC & RI	Dr.Harpreet Kaur Associate Professor, Department of Human Genetics, Sri Ramachandra University	Lab Consumables-Rs. 60,000/- Equipment- Rs. 5,000/- Report preparation- Rs. 5,000/- Travel Expenses- Rs.5,000/- Contingency- Rs.5,000/- Publication cost & Submission for external funding - Rs. 5,000/- Total- Rs. 85,000/-
4.	The effect of weekly versus biweekly iron folate supplementation on changes in haemoglobin levels in anemic school children in Chennai, Tamilnadu	Dr.Sarala Premkumar Associate Professor, Department of Paediatrics, SRMC & RI	Dr.L.N.Padmasani Professor & HOD., Department of Pediatics SRMC & RI	Lab tests & Consumables- Rs. 60,000/- Stationeries & Contingency- Rs.10,000/- Travel- Rs.10,000/- Report preparation& publication- Rs.10,000/-

				Total- Rs.90,000/-
5.	Prevalence of Vascular complications among type 2 diabetic patients in a Rural Health Centre in South India	Dr.Irfana Pharveen Assistant Professor, Department of Community Medicine, SRMC & RI	Dr.Vanishree Shriraam Associate Professor, Department of Community Medicine Dr.Anitha Rani.M Associate Professor, Department of Community Medicine Mrs.Gayathri.T Lecturer in Statistics, Department of Community Medicine Dr.Radha Annamalai Associate Professor, Department of Ophthalmology	Lab Consumables-Rs. 66,000/- Equipment- Rs.15,000/- Report preparation- Rs. 4,000/- Travel Expenses- Rs.5,000/- Contingency- Rs.5,000/- Publication cost- Rs. 5,000/- Total- Rs. 1,00,000/-
6.	Estimation of the time taken for Hypothalamo-Pituitary-Adrenal (HPA) axis recovery following overnight 1 mg dexamethasone suppression test	Dr.Adlyne Reena Sirvatham Assistant Professor, Department of Endocrinology, SRMC & RI	Dr.Shriraam Mahadevan Associate Professor, Department of Endocrinology Dr.Satish Kumar.B Senior Resident, Department of Endocrinology	Lab tests & Consumables- Rs. 68,800/- Report preparation- Rs.5,000/- Travel Expenses- Rs. 5,000/- Administrative expenses- Rs. 5,000/- Publication cost- Rs. 5,000/- Submission for external funding- Rs. 5,000/- Total- Rs. 93,800/-
7.	A Novel biomarker: Anti-PD L1 expression in microsatellite instability colorectal cancers using Immunohistochemistry	Dr.V.Pavithra Assistant Professor, Department of Pathology, SRMC & RI	Dr.Sandhya Sundaram Professor, Department of Pathology, SRMC & RI Dr.M.Manickavasag am Professor & HOD., Department of Medical Oncology	Lab Consumables-Rs. 60,000/- Equipment- Rs.15,000/- Report preparation- Rs.5,000/- Travel Expenses- Rs.5000/- Publication cost- Rs. 5000/- Submission for external funding- Rs.5000/- Total- Rs. 95,000/-

8.	Immunohistochemical expression of IDH1 in gliomas and its clinical relevance	Dr.Lawrence D'Cruze Assistant Professor, Department of Pathology, SRMC & RI	Dr.Prathiba.D Professor, Department of Pathology, SRMC & RI Dr.K.Ganesh Professor, Department of Neuro Surgery, SRMC & RI Dr.Sandhya Sundaram Professor, Department of Pathology, SRMC & RI	Lab Consumables-Rs. 60,000/- Minor equipment- Rs.15,000/- Report preparation- Rs.5,000/- Submission for external funding- Rs. 5000/- Travel Expenses- Rs. 5000/- Publication cost- Rs. 5000/- Total- Rs. 95,000/-
9.	Assessment of iron overload in non transfusion dependent thalassemia patients	Dr.Prabhu Radhan Associate Professor, Department of Radiology	Dr.Aruna Assistant Professor & Consultant, Pediatric Hemato Oncologist & Bone Marrow Transplant Physician, SRMC & RI	Lab Consumables & testing charges- Rs. 90,000/- Travel expenses- Rs. 5,000/- Report Preparation, Publication & Stationeries – Rs. 5,000/- Total- Rs. 1,00,000/-
10.	Evaluation of the Velopharyngeal Closure Mechanism in Patients who have Undergone Malek's Pharyngoplasty for Severe Velopharyngeal Incompetence	Dr.B.A.Ramesh Assistant Professor, Department of Plastic Surgery & Reconstructive Surgery	Dr.Charanya Vijayakumar Clinical & Research Fellow, Department of Plastic Surgery & Reconstructive Surgery Dr.R.Rajeswaran Professor, Department of Radiology, SRMC & RI Mr.B.Subramaniayan Assistant Professor, SLHS Dr.Koushik Muthuraja Assistant Professor,	MRI investigation – Rs.40,000/- Sleep study- Rs. 60,000/- Total- Rs. 1,00,000/-

			Department of Pulmonology, SRMC	
11.	Evaluation and comparison of changes in elasticity of masticatory muscles during treatment with two functional appliances (twin block appliance and Herbst appliance) using elastasonography	Dr.S.Bhadrinath Reader, Department of Orthodontics, Faculty of Dental Sciences, SRU	Dr.Sridevi Padmanabhan Professor & HOD. Department of Orthodontics, Faculty of Dental Sciences,SRU Dr.Venkata Sai Professor & HOD., Department of Radiology, SRMC & RI Dr.Bhawna Professor, Department of Radiology, SRMC	Lab Consumables-Rs. 50,000/- Minor equipment- Rs.10,000/- Report Preparation- Rs.5,000/- Travel expenses- Rs. 5,000/- Contingency- Rs. 5,000/- Publication cost- Rs. 5,000/- Cost of proposal-Rs.5,000/- Total- Rs. 85,000/-
12.	Epithelial – mesenchymal transition markers in oral submucous fibrosis	Dr.C.V.Divyambika Associate Professor, Department of Oral Medicine and Radiology, Faculty of Dental Sciences, SRU	Dr.S.Sathasivasubramanian Professor & HOD., Department of Oral Medicine and Radiology, Faculty of Dental Sciences, SRU Dr.R.Vijayalakshmi Associate Professor, Department of Preventive Oncology (Research Division) Cancer Institute(WIA), Adyar, Chennai – 600 020	Lab Consumables-Rs. 60,000/- Minor equipment- Rs.15,000/- Report preparation- Rs.5,000/- Submission for external funding- Rs.5000/- Travel Expenses- Rs.5000/- Publication cost- Rs. 5000/- Total- Rs. 95,000/-
13.	Pharmacokinetic evaluation of a patented antianxiety polyherbal formulation – WISE 13:A preclinical study	Dr.M.G.Rajanandh Lecturer, Department of Pharmacy Practice, Faculty of Pharmacy, SRU	Dr.D.Chamundeeswari Principle Cum Professor and HOD., Department of Pharmacognosy, Faculty of Pharmacy	Lab Consumables-Rs. 60,000/- Minor equipment- Rs.15,000/- Report preparation- Rs.5000/- Travel Expenses- Rs.5000/- Publication cost and proposal submission- Rs. 5000/- Total- Rs. 90,000/-

14.	Method Development and Validation of Bioanalytical Quantification of Taxanes following Herbal adjuvant administration in Human Plasma using Reverse Phase – High Performance Liquid Chromatography	Dr.C.Vinodhini Assistant Professor, Faculty of Pharmacy, SRU	Dr.K.Chitra Vice-Principal, Professor and HOD., Department of Pharmaceutical Chemistry, Faculty of Pharmacy Dr.K.Mangathayaru Professor Faculty of Pharmacy	Lab Consumables-Rs. 60,000/- Minor accessories- Rs.15,000/- Report preparation- Rs.5,000/- Travel Expenses- Rs.5000/- Publication cost and proposal submission- Rs. 5000/- Total- Rs. 90,000/-
15.	Developing Neuropsychological battery for screening and diagnosis of Learning Disability	Ms.Emilda Judith Ezhil Rajan Lecturer, Department of Clinical Psychology, SRU	Ms.Lalitha Subramanian Lecturer, Department of Clinical Psychology	Purchase of tools – Rs.37,264/- Minor equipment – Rs.14,000/- Data Management and report preparation – Rs. 5,000/- Preparatory material – Rs.15,000/- Administrative expenses – Rs. 5,000/- Publication cost- Rs.5,000/- Total - Rs. 81,264/-

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i) Recommendations for GATE Project Grant to young faculty members after Expert Committee evaluation: 2015 - 2016

S. No.	Title	Principal Investigator	Co-Investigators	Quantum of Grant Recommended
1.	Neuroimmunological assessment of the cardiovascular risks in psoriasis	Dr.Sankanika Roy Assistant Professor Department of Physiology SRMC & RI	Dr.S.Murugan Professor, Department of Dermatology Dr.K.Maheshkumar Demonstrator, Department of Physiology	RECOMMENDED Laboratory Consumables: Rs. 70,000 Purchase of minor equipment: Rs. 5,000 Data Management & report preparation: Rs. 5,000 Travel expenses: Rs. 5,000 Publication Costs & Costs for proposal submission to external funding agencies: Rs. 5,000 Total: Rs. 90,000
2.	Estimation of age from Telomere length in South Indian Population	Dr.M.Venkatesan Assistant Professor, Department of Forensic Medicine SRMC & RI	Dr.Solomon F.D.Paul Professor & HOD, Department of Human Genetics Dr.S.Janani Assistant Professor, Department of Forensic Medicine	RECOMMENDED Laboratory Consumables: Rs. 70,000 Sample processing and analysis: Rs. 5,000 Data Management: Rs. 5,000 Travel expenses: Rs. 5,000 Report preparation & submission of proposal to external funding agencies: Rs. 5,000 Total: Rs. 90,000
3.	Screening of MyH7, MyBpC3 and TNNT2 genes in Indian population with hypertrophic cardiomyopathy (HCM)	Dr.S.Malini Demonstrator Department of Biochemistry SRMC & RI	Dr.Sanathi Silambanan Professor & HOD Department of Biochemistry	RECOMMENDED Laboratory Consumables: Rs. 60,000 Purchase of plastic ware, gel tubes, eppendorfs: Rs. 15,000 Contingencies (Stationeries, Printing etc.,) Rs. 5,000 Travel expenses: Rs. 5,000 Publication Costs: Rs. 2,500 External funding application work: Rs. 2,500 Total: Rs. 90,000

4.	Utility of C-MYC expression in concert with BCL2 & BCL6 as a prognostic and theranostic marker in Diffuse Large B cell Lymphoma	Dr.N.Priyathersini Assistant Professor Department of Pathology	Dr.S.Rajendiran Professor Department of Pathology Dr.J.Thanka Professor & HOD Department of Pathology	RECOMMENDED Laboratory Consumables: Rs. 75,000 Data Management & report preparation: Rs. 5,000 Travel expenses related to scientific presentation: Rs. 5,000 Publication costs: Rs. 2,500 Costs of proposal submission to external funding agencies: Rs. 2,500 Total: Rs. 90,000
5.	Molecular identification of cancer stem cell markers and epithelial mesenchymal transition markers in a spectrum of pediatric solid tumours	Dr.G.A.Vasugi Tutor Pathology SRMC & RI	Dr.Sandhya Sundaram Professor Pathology Dr.Julius Xavier Scott Pediatric Oncology	RECOMMENDED Consumables & Reagents: Rs. 75,000 Travel expenses: Rs. 5,000 Contingencies & Report preparation: Rs. 5,000 Publication Costs & proposal submission to external funding agencies: Rs. 5,000 Total: Rs. 90,000
6.	Antimicrobial stewardship in pediatric oncology	Dr Aruna Rajendran Assistant Professor Dept of Pediatrics	Prof. P. Ramachandran Professor & Head Pediatrics Prof. Uma Sekar HOD, Microbiology Prof. Julius Xavier Scott Head, Division of Pediatric Hematology Oncology	RECOMMENDED Laboratory Consumables Serum Procalcitonin: Rs. 56,250 Stool for C. Difficile toxin: Rs. 11,000 Stationeries & Contingencies: Rs. 5,000 Travel expenses: Rs. 5,000 Data Management & report preparation: Rs. 5,000 Publication costs & Cost of applying for external grants: Rs.5,000 Total: Rs. 87,250
7.	Effect of cyclosporine A, Angiotensin II, Losartan and melatonin on advanced oxidative protein product production and endoplasmic reticulum	Dr.A.Supraja Lecturer Department of Periodontology, Faculty of Dental Sciences	Dr.R.Suresh Professor & HOD, Department of Periodontology, Faculty of Dental Sciences	RECOMMENDED Consumables Kits: Rs. 60,000 Procuring cell culture & grade drugs: Rs. 20,000) Contingencies/

	stress in cultured human gingival		Dr.T.M.Balaji Associate Professor, Department of Periodontology, Faculty of Dental Sciences	Stationeries : Rs.5,000 Total: Rs. 85,000
8.	Correlation of salivary leptin levels and tobacco use status	Dr.M.Aarthi Tutor Department of Oral Medicine & Radiology Faculty of Dental Sciences	Dr.C.V.Divyambika Associate Professor Department of Oral Medicine & Radiology Faculty of Dental Sciences Dr.S.Sathasivasubramanian Professor & HOD Department of Oral Medicine & Radiology Faculty of Dental Sciences	RECOMMENDED Consumables kits: Rs. 60,000 Minor Equipment (Micropipettes): Rs. 15,000 Travel expenses : Rs. 5,000 Publication costs & Submission for external funding: Rs.5,000 Total: Rs. 85,000
9.	Comparative evaluation between the colour changes in the enamel of orthodontic patients treated with ceramic and stainless steel brackets	Dr.R.Sukanya Senior Lecturer Faculty of Dental Sciences	Dr.Sridevi Padmanabhan Professor & HOD Department of Orthodontics Faculty of Dental Sciences	RECOMMENDED Laboratory Consumables/ Field expenses: Rs. 70,000 Purchase of minor equipment: Rs. 7,500 Data Management and report preparation: Rs. 4,000 Travel expenses: Rs. 3,000 Publication costs & Proposal submission: Rs.4,500 Total: Rs. 89,000
10.	A Study on factors influencing the utilization of cervical cancer screening programme among rural women and feasibility of involving self help group women in enhancing the utilization of cervical cancer screening	Mrs.S.Umadevi Lecturer Faculty of Nursing	Nil	RECOMMENDED Stationeries & Contingencies: Rs. 30,000 Travel expenses for field studies: Rs. 30,000 Data analysis & report preparation: Rs. 5,000 Publication costs & Research proposal writing: Rs. 5,000 Total: Rs. 70,000

11.	A Study to assess the effectiveness of abdominal muscle training on post-operative respiratory complications, pain, ADL and wound healing among patients subjected to abdominal surgery at SRH, Chennai – 116	Mrs.J.M.Jency Lecturer, Faculty of Nursing	Nil	RECOMMENDED Subject to including a clinical co-investigator in Surgery Minor Equipments: Rs. 10,000 Stationeries & Contingencies: Rs. 30,000 Travel expenses: Rs. 5,000 Consumables: Rs. 5,000 Publication costs & Research proposal writing: Rs. 5,000 Total: Rs. 55,000
12.	“HER2-Positive targeted In-Silico screening and anticancer assessment of a marine ecowaste – An isolated bioactive lipid – Sphingosine from Spirastrella pachyspira	Ms.Shabna Roupal Morais Assistant Professor, Faculty of Pharmacy	Dr.K.Chitra Vice Principal, Faculty of Pharmacy Mrs.C.Vinodhini Assistant Professor, Faculty of Pharmacy	RECOMMENDED Consumables : Rs. 67,000 In-Silico Screening: Rs. 10,000 Contingencies & Stationeries: Rs. 10,000 Travel : Rs. 5,000 Total: Rs. 92,000
13.	A Study on the mechanism of invitro wound healing properties of Hedyotis herbacea linn extract by using L929 cell lines	Mr.K.Anand Babu Lecturer, Faculty of Pharmacy	Dr.K.Sujatha Professor Mrs.S.Deepa Assistant Professor	RECOMMENDED Consumables/ Field expenses : Rs. 60,000 Data Management & report preparation: Rs. 5,000 Travel : Rs. 5,000 Total: Rs. 70,000
14.	Nonionic surfactant vesicles in ocular drug delivery: An innovative approaches in the treatment of glaucoma	Mrs.S.Nagalakshmi Assistant Professor Faculty of Pharmacy	Dr.J.Thanka Professor & HOD, Department of Pathology Dr.S.Shanmuganathan Professor & HOD, Department of Pharmaceutics	RECOMMENDED Consumables: Rs. 60,000 Minor Equipments: Rs. 15,000 Contingencies & Stationeries: Rs. 5,000 Travel : Rs. 5,000 Publication & Proposal development: Rs. 5,000 Total: Rs. 90,000
15.	Oxytetracycline Hydrochloride loaded microparticles incorporated collagen	Mr.Satheskumar Kesavan Lecturer, Department of	Ms.Deepa Selvaraj Assistant Professor Faculty of Pharmacy	RECOMMENDED Laboratory Consumables/ Field expenses/animals: Rs. 60,000

	scaffolds for wound healing applications	Pharmaceuticals Faculty of Pharmacy		<p>Minor Equipments: Rs. 15,000</p> <p>Date Management and report preparation: Rs. 3,000</p> <p>Travel expenses : Rs. 4,000</p> <p>Administrative expenses: Rs. 4,000</p> <p>Publication costs: Rs. 5,000</p> <p>Costs for proposal submission to external funding agencies: Rs. 2,000</p> <p>Total: Rs. 93,000</p>
16.	Zebrafish Diabetic Model of Wound Inflammation to Identify the Role of Nutrophil Chemotaxis and IL-8 Expression in Accelerated wound healing by Fractions of Vernonia arborea	Ms.V.Lalitha Lecturer, Department of Biomedical Sciences Faculty of Biomedical Sciences & Technology	Nil	<p>RECOMMENDED</p> <p>Consumables: Rs. 60,000</p> <p>Preparation of tissue sections, Purchase of Glucometer: Rs. 20,000</p> <p>Contingencies & Stationeries: Rs. 5,000</p> <p>Travel : Rs. 5,000</p> <p>Report writing & Grant proposal writing and Publication charges: Rs. 5,000</p> <p>Total: Rs. 95,000</p>
17.	Chemoprotective efficacy of resveratrol on cisplatin and bleomycin induced damage in cultured human peripheral blood lymphocytes	Dr.J.Vijayalakshmi Assistant Professor Department of Human Genetics Faculty of Biomedical Sciences & Technology	Dr.Solomon F.D.Paul Professor & Head Department of Human Genetics	<p>RECOMMENDED</p> <p>Laboratory Consumables: Rs. 60,000</p> <p>Minor Equipments: Rs. 15,000</p> <p>Administrative expenses & Data management and report preparation: Rs. 5,000</p> <p>Travel : Rs. 5,000</p> <p>Publication & Proposal submission to external funding agencies: Rs. 5,000</p> <p>Total: Rs. 90,000</p>

18.	Testing the technical viability of remote technology intra operative audiological testing for cochlear implant surgery	Dr.Heramba Ganapathy Reader, SLHS	Ms.Dawson Gladys Prathiba Assistant Professor SLHS Dr.A.Ravi Kumar Director, ENT	RECOMMENDED Remote system and accessories: Rs. 35,000 Report preparation: Rs. 5,000 Travel expenses: Rs. 5,000 Administrative expenses: Rs. 5,000 Publication costs: Rs. 5,000 Total: Rs. 55,000
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i) The list of proposals recommended on for the sanction of GATE Project grants for the year 2014-2015 along with grant allocation.

S. No.	Title of the Research Proposal	Name of the Principal Investigator & Department	Name (s) of collaborators & Departments	Quantum of Grant Recommended
1.	A study on Vitamin D status in epileptic children on long term antiepileptic therapy in a tertiary care center	Dr.P.Anitha Senior Resident, Department of Pediatrics	Dr.P.Ramachandran Professor Dr.R.Sasitharan Senior Resident Dr.P.N.Vinoth Asst.Professor Dr.Saji James Professor Dr.P.Subramani Post-Graduate Department of Pediatrics	Laboratory Consumables: Rs. 60,000 Purchase of minor equipment: Rs. 15,000 Data Management & report preparation: Rs. 5,000 Travel expenses: Rs. 5,000 Administrative expenses: Rs. 5,000 Publication Costs: Rs. 5,000 Costs for proposal submission to external funding agencies: Rs. 5,000 Total: Rs. 1,00,000
2.	Effect of duration of acute exercise on serum Irisin levels in young healthy adults	Dr.C.Vasanthi Asst.Professor, Arthroscopy & Sports Medicine	Dr.S.Arumugam Prof.& Head Dr.K.A.Thiagarajan Asst.Professor (Arthroscopy & Sports Medicine) Dr.Leena Chand Asst.Professor, Dept. of Biochemistry	Serum Irisin kit : Rs. 75,000 Body composition analysis : Rs. 10,000 Data Management and report preparation : Rs. 4,000 Travel expenses : Rs. 2,000 Administrative expenses : Rs. 2,000 Publication costs : Rs. 2,000 Costs for proposal submission to external funding agencies: Rs. 5,000 Total: Rs. 1,00,000
3.	Flexible endoscopic evaluation of swallowing (FEES) in adults following short term endotracheal intubation	Dr.Mukundan Subramanian Asst.Professor, Dept. of ENT, Head & Neck Surgery	Dr.Lakshmi Venkatesh Reader, Dept. of SLHS	Consumables: Rs. 5,000 Laboratory Requirement: Rs. 65,000 Data Management &

				report preparation: Rs. 5,000 Printing of questionnaires/ assessment forms: Rs. 5,000 Publication charges: Rs. 5,000 Costs for proposal submission to external funding agencies: Rs. 5,000 Charges of analysis of data: Rs. 5,000 Total: Rs. 95,000
4.	Transthoracic echocardiography and serum Troponin I levels to assess cardiac dysfunction in children with fluid refractory septic shock	Dr.T.K.Shruthi Asst.Professor, Dept. of Pediatrics	Dr. S. Shuba Professor, Dept. of Pediatrics Dr.P.S.Rajakumar Assoc.Professor, Dept. of Pediatrics Dr.R.Jebaraj Pediatric Cardiologist, Dept. of Pediatrics	Consumables: Rs. 60,000 2D ECHO: Rs. 25,000 Contingencies: Rs. 10,000 Travel: Rs. 5,000 Total: Rs. 1,00,000
5.	Interleukin-6 and its interpretation in Polytrauma to identify the safe window period for the definitive stabilization of fractures”	Dr.T.R.Ashok Asst.Professor, Dept. of Orthopaedics	Dr.Samuel Chittaranjan Professor & Head, Dept. of Orthopaedics	Laboratory Consumables: Rs. 60,000 Minor Equipment: Rs. 15,000 Data Management & report preparation: Rs. 5,000 Administrative expenses: Rs. 5,000 Publication costs: Rs. 5,000 Total: Rs. 90,000
6.	Efficacy of 3 dimensional computer aided surgical simulation in treatment of hypoplastic maxilla in patients with cleft lip and palate	Dr.N.Koteswara Prasad Reader, Dept. of Orthodontics	Dr.Syed Altaf Hussain Assoc.Professor Dept. of Plastic Surgery Dr.Sridevi Padmanabhan Professor & Head Dept. of Orthodontics Dr.Jyotsna Murthy Prof & Head Dept.of Plastic Surgery	3d virtual orthognathic planning: Rs. 90,000 Travel: Rs. 5,000 Contingencies: Rs. 5,000 Total: Rs. 1,00,000

7.	Estimation of angiotension II levels in gingival tissue extracts of healthy and chronic periodontitis subjects	Dr. R. Anjana Reader, Dept. of Periodontology	Dr. R. Suresh Professor & Head, Dept. of Periodontics	Laboratory Consumables: Rs. 60,000 Data Management & report preparation: Rs. 5,000 Travel expenses: Rs. 5,000 Administrative expenses: Rs. 5,000 Publication Costs: Rs. 5,000 Proposal submission to external funding agencies: Rs. 5,000 Total: Rs. 85,000
8.	Scientific validation of Bioenhancing property of a natural mucilage incorporated with a DMARD	Ms.X.Fatima Grace Lecturer, Department of Pharmaceutics	Dr. D. Chamundeeswari Principal, Faculty of Pharmacy Dr.S.Seethalakshmi Prof & Head Dept. of Pharmacology ESIC Medical College, K.K.Nagar, Chennai	Laboratory consumables: Rs. 60,000 Minor Equipment: Rs. 10,000 Data Management & report preparation: Rs. 4,000 Travel expenses: Rs. 4,000 Administrative expenses: Rs. 4,000 Publication Costs: Rs. 4,000 Proposal submission to external funding agencies: Rs. 4,000 Total: Rs. 90,000
9.	Bioguided anti arthritic activity of Albizia procera with special reference to MMP-9 levels in rat model	Dr.M.Sangeetha Asst.Professor Faculty of Pharmacy	Dr. D. Chamundeeswari Principal, Faculty of Pharmacy Dr.C.Saravanababu Deputy Test Facility Manager CEFT	Laboratory consumables: Rs. 60,000 Minor Equipment: Rs. 15,000 Data Management & report preparation: Rs. 4,000 Travel expenses: Rs. 4,000 Administrative expenses: Rs. 4,000 Publication Costs: Rs. 4,000 Proposal submission to external funding agencies: Rs. 4,000 Total: Rs. 95,000

10.	Eco-friendly bio-fabrication and characterization of metal nanoparticles mediated by marine algae and its biological evaluation	Mr.R.Nanthakumar Lecturer, Faculty of Pharmacy	Dr.K.Chitra Vice-Principal Ms.S.Prema Lecturer, Faculty of Pharmacy	Laboratory consumables: Rs. 63,000 Minor Equipment: Rs. 15,000 Data Management & report preparation: Rs. 3,000 Travel expenses: Rs. 5,000 Administrative expenses: Rs. 1,000 Publication Costs: Rs. 5,000 Proposal submission to external funding agencies: Rs. 3,000 Total: Rs. 95,000
11.	A study to assess Pedometers as a means to increase spontaneous physical activity in haemodialysis patients	Ms.S.Sridevi Asst.Professor, Faculty of Physiotherapy	Dr.P.Soundararajan Head of the Dept. Dept. of Nephrology	Consumables: Rs. 40,000 Minor Equipments: Rs. 10,000 Contingencies; Rs. 2,000 Travel: Rs. 3,000 Total: Rs. 55,000
12.	A study to assess effectiveness of autogenic training on depression, anxiety, stress and Quality of life (QOL)among mothers of intellectually disabled children at selected schools in Chennai	Ms.P.Vijayasamundeeswari Lecturer, Faculty of Nursing	Mr. P. V. Ramachandran Chairman, Nursing Education, SRU	Travel & Field Expenses; Rs. 35,000 Minor equipments: Rs. 10,000 Pamphlets, Data & report preparation: Rs. 10,000 Publication cost: Rs. 5,000 Total: Rs. 60,000
13.	Cross national understanding of terminal suffering among hospitalized South Asians	Dr.S.J.Nalini Reader, Faculty of Nursing	Dr.A.Seethalakshmi Reader Dr.B.Sreelekha Reader Dr.S.Aruna Reader Mrs.E.Sujitha Reader (Faculty of Nursing)	Consumables: Rs. 65,000 Minor Equipments: Rs. 10,000 Contingencies: Rs. 5,000 Cost for proposal submission to external agencies & publication: Rs. 5,000 Data Management & report preparation: Rs. 5,000 Travel: Rs. 10,000

				Total: Rs. 1,00,000
14.	Nuclear factor -kB inhibition in human urothelial carcinoma by a bioactive peptide using invitro and insilico studies	Dr.G.Dicky John Davis Lecturer, Dept. of Bioinformatics	Dr. J.Thanka Prof. & Head, Dept. of Pathology Dr.Charles Emmanuel Jebaraj Assoc.Professor, Dept. of Biotechnology	Consumables: Rs. 85,000 Contingencies: Rs. 5,000 Travel expenses: Rs. 5,000 Publication costs & proposal submission to external funding agencies; Rs. 5,000 Total: Rs. 1,00,000
15.	Study on the genetic variants of thiopurine methyl transferase (TPMT) in 6-Mercaptopurine mediated hematological toxicity in childhood acute lymphoblastic leukemia	Dr.S.Harpreet Kaur Asst.Professor, Dept. of Human Genetics	Dr.Julius Xavier Scott Senior Asst.Professor, Dept. of Pediatrics	Laboratory Consumables: Rs. 60,000 Minor Equipment: Rs. 15,000 Data management & report preparation: Rs. 5,000 Travel expenses : Rs. 5,000 Contingencies: Rs. 5,000 Publication costs: Rs. 5,000 Cost for proposal submission to external agencies: Rs. 5,000 Total: Rs. 1,00,000
16.	Does cacao beans (chocolate beans) can regulate MPP+induced glial cells activation and downstream signaling in invitro model?	Dr.V.Gayathri Research Scientist, CEFT	Dr.C.Saravana Babu Deputy Test Facility Manager, CEFT	Consumables: Rs. 65,000 Minor Equipments: Rs. 15,000 Contingencies: Rs. 10,000 Travel: Rs. 5,000 Documentation & publication charges: Rs. 5,000 Total: Rs. 1,00,000
17.	Comparative Analysis of Mesenchymal stem cells derived from human oral and adipose	Dr.Alan.M.Punnose Asst.Professor , Research, Centre for	Dr.R.Suresh Professsor & Head, Dept. of	Consumables: Rs. 65,000 Minor Equipments:

	tissue for expression of novel markers and cardiac differentiation protocol - A pilot study	Regenerative Medicine and Stem Cell Research, CRF	Periodontology Dr.P.Soundararajan, Head of the Dept. Dept. of Nephrology	Rs. 15,000 Contingencies: Rs. 5,000 Administrative expenses: Rs. 5,000 Publication costs: Rs. 5,000 Cost for proposal submission to external agencies: Rs. 5,000 Total: Rs. 1,00,000
18.	Tracing an apoptotic inducing compound from a Marine Echinoderm: <i>Stellaster equestris</i> in cancer cell lines	Ms.R.Sumitha Lecturer, Dept. of Biomedical Sciences	Dr.Mary Elizabeth Gnanambal.K Asst.Professor, Dept. of Biotechnology	Consumables: Rs. 45,000 Minor Equipments, Micropipettes one: Rs. 15,000 Contingencies: Rs. 5,000 Analysis at CRF; Rs. 5,000 Travel: Rs. 5,000 Total: Rs. 75,000
19.	To discover new anti-inflammatory agent, isolated from leaves of <i>Anisomeles malabarica</i> .R.Br. and to investigate anti-inflammatory activity by determining the NO and TNF-alpha and the role of Pro-inflammatory cytokines , iNOS, COX 2, NF kB and CRP using RAW 24.7 cells macrophages	Mrs.S.Prema Lecturer, Faculty of Pharmacy	Dr.K.Chitra Vice-Principal Mrs. T.Sheela Rani Lecturer, (Faculty of Pharmacy)	Consumables; Rs. 65,000 Primers; Rs. 10,000 Data Management & report preparation: Rs. 5,000 Travel: Rs. 5,000 Administrative expenses: Rs. 5,000 Publication costs: Rs. 5,000 Total: Rs. 95,000

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(a) The list of proposals recommended on for the sanction of GATE Project grants for the year 2013-2014 along with grant allocation.

S. No.	Title of the Research Proposal	Name of the Principal Investigator & Department	Name (s) of collaborators & Departments	Quantum of Grant Recommended
1.	Evaluation of expression and Quantification of MicroRNA 21 in oral premalignancy and oral squamous cell carcinoma	Dr.N.Sangeetha Senior Lecturer, Department of Oral Pathology, Faculty of Dental Sciences	Dr.N.Malathi Professor & HOD., Department of Oral Pathology, Faculty of Dental Sciences	Consumables: 5,000 Minor Equipment: 75,000 Statistical analysis: 5,000 Travel expenses: 5,000 Publication Cost: 5,000 Rs. 95,000
2.	Effect of oil pulling with sesame oil o the count of <i>Streptococcus mutans</i> in the plaque around orthodontic brackets	Dr.Nithya Jagdish Reader Department of orthodontics, Faculty of Dental Sciences	Dr.Sridevi Padmanabhan Professor, Department of orthodontics, Faculty of Dental Sciences Dr.Arun B.Chittaranjan Professor & HOD, Department of orthodontics, Faculty of Dental Sciences	Sachets for oil pulling (No.60) : 120.00 Colgate tooth pastes: 3,000 Colgate orthodontic tooth brushes (No.60): 3,820 Micropipettes: 325.00 DNA Isolation: 30,000 Real Time PCR: 60,000 Data Management/ Travel Expenses/ Administrative Expenses/Publication Costs: 5,000 Rs. 1,00,000
3.	A pilot study for the assessment of collagen sheet dressing in treating the radiation dermatitis wounds of breast cancer patients undergoing radiation	Dr. Satish Srinivas Associate Professor, Department of Radiotherapy	--	Collagen dressing for 40 pts: 80,000 Equipment: 5,000 Report preparation: 5,000 Travel Expenses: 5,000 Administrative Expenses: 5,000 Publication costs: 5,000 Rs. 1,00,000
4.	Efficacy of swallow exercises in preserving the swallow functions during	R.Anitha Senior Asst.Professor , Dept. of SLHS	Dr.Satish Srinivas Assoc.Prof, Dept. of	Performing modified barium swallow (MBS) study: 70,000

	chemoradiotherapy for head and neck cancer patients		Radiation oncology Dr.Anita Ramesh Prof & Head, Dept. of oncology Dr.P.M.Venkata Sai Prof & Head, Dept. of Radiology	Equipment: Hard Disk for storing MBS data: 5,000 Report preparation & Administrative expenses: 5,000 Travel Expenses: 5,000 Publication costs: 5,000 Rs. 90,000
5.	Isolation, characterization and <i>in silico</i> molecular docking studies of active constituents from marine algae and evaluation of its pharmacological activity	Mrs.S.Deepa Lecturer, Faculty of Pharmacy	Dr.K.Sujatha, Professor, Faculty of Pharmacy	Laboratory Consumables/Field expenses: 60,000 Purchase Minor equipment: 15,000 Data Management/Travel/ Administrative/Publication costs/ Costs for proposal submission to external funding agencies: 15,000 Rs. 90,000
6.	A study to determine the effectiveness of Proactive integrated approach on knowledge, attitude and self-efficacy, pulmonary profiling and Quality of life (QOL) among patients with bronchial asthma	Ms.M.Malarvizhi Lecturer, Faculty of Nursing	--	Laboratory Consumables/ Field expenses: 80,000 Data Management & report preparation – statistical analysis booklet expenditure/ Contingent expenses: 5,000 Travel/Publication: 5,000 Rs. 90,000
7.	Investigation of Cytotoxic assessment and determination of role of Pro-inflammatory cytokines, iNOS, COX 2 of <i>Myxopyrum serratum</i> A.W.HILL (Plant extract) using RAW 264.7 cells macrophages	Mrs.T.Sheela Rani Lecturer, Faculty of Pharmacy	Dr.S.Seethalakshmi Professor & HOD, Dept.of Pharmacology Dr.K.Chitra Professor, Dept. of Pharmaceutical chemistry, Faculty of Pharmacy	Laboratory Consumables/Field expenses : 50,000 ELISA Assay kit: 10,000 Data Management and report preparation: 5,000 Travel expenses: 5,000 Administrative expenses: 5,000 Publication costs: 5,000 Rs. 80,000

8.	The prognostic significance of three fusion oncogenes in childhood acute lymphoblastic leukemia	Dr.M.S.Latha Sr.Resident, Division of Pediatric Hemato Oncology, Dept.of Pediatrics	Dr.Julius Xavier Scott Prof & Head, Division of Pediatric Hemato Oncology, Dr.Aruna Rajendran Asst.Professor, Division of Pediatric Hemato Oncology, Ms.Teena Koshy Lecturer, Dept. of Human Genetics	Laboratory Consumables: 60,000 Minor Equipment: 10,000 Data Management & report preparation: 5,000 Travel expenses: 5,000 Administrative expenses: 5,000 Publication costs & Costs for proposal submission to external funding agencies: 5,000 Rs. 90,000
9.	Neuropsychological profile of children with specific learning disability comparing with the normal children	Mr.Suresh Kumar.M Asst.Professor, Clinical Psychology	Mr.S.Varadarajan Clinical Psychologist Mrs.S.M.Vasanthakumari Assoc.Professor & Head, Dept. of Clinical Psychology	Laboratory Materials: 55,000 Paper Presentation & Travel : 5,000 Stationeries: 5,000 Publication costs: 5,000 Rs. 70,000
10.	Effect of blood pressure regulating gene polymorphisms on the endurance capacity of athletes: A case control study	Dr.S.Sudhakar Lecturer, Dept.of Arthroscopy & Sports Medicine	Dr.S.Arumugam Professor & HOD, Dept. of Arthroscopy & Sports Medicine Dr.K.A.Thiagarajan Asst.Professor, Dept. of Arthroscopy & Sports Medicine Dr.LVKS Bhaskar Assoc.Professor, Dept.of Biomedical Sciences	Consumables: 45,000 VO ₂ max analysis: 40,000 Data Management & report preparation: 4,000 Travel expenses: 2,000 Administrative expenses: 2,000 Publication costs: 2,000 Costs for proposal submission to external funding agencies: 5,000 Rs. 1,00,000
11.	Effect of inhaled corticosteroids on the glycemic status of children with Asthma	Dr. Vidya Krishna Asst.Professor, Pediatrics	Dr.L.N.Padmasani Professor & HOD, Dept. of Pediatrics	HbA1C - 100 samples: 65,000 Data Management & report preparation: 5,000 Travel expenses; 5,000 Administrative expenses: 5,000 Publication costs: 5,000 Rs. 85,000
12.	Study the treatment	Dr.C.Siva	Dr.Arun B.	Consumables: 65,000

	effectiveness of reverse pull head gear Vs maxillary protraction spring on cleft lip and palate patients	Subrmanian Reader, Dept. of Orthodontics, Faculty of Dentistry	Chitharanjan Professor & HOD, Dept. of Orthodontics, Faculty of Dentistry Dr.N.K.Koteswara Prasad Reader, Dept. of Orthodontics, Faculty of Dentistry	Minor equipment: 25,000 Travel: 2,000 Contingencies: 5,000 Rs. 97,000
13.	A study to determine the effectiveness of myotherapy on pain activities of daily living, stress and physiological variables among patient subjected to major orthopedics surgery at SRH, Porur	Mrs. Sathiya.K Lecturer, Faculty of Nursing	--	Field expenses: 32,340 Minor equipment: 26,660 Data Management & report preparation: 5,000 Publication costs: 5,000 Rs. 69,000
14.	Identifying the role of rennin angiotension aldosteran system gene polymorphisms induced hypertension and end stage renal disease in autosomal dominant Polycystic Kidney Disease (ADPKD) patients	Mr.R.Gnana- sambandan Lecturer, Dept. of Biomedical Sciences	Dr.LVKS Bhaskar Associate Professor, Dept. of Biomedical Sciences Dr.P.Soundararajan Prof & HOD of Nephrology	Purchase of DNA isolation reagents, primers and restriction enzyme: 60,000 Purchase of vacutainer, test tubes, chemicals, stationeries: 10,000 Data Management & report preparation: 5,000 Travel expenses: 5,000 Administrative expenses: 5,000 Publication costs/ Costs for proposal submission to external funding agencies: 5,000 Rs. 90,000
15.	Isolation and characterization of chemo preventive agent from <i>Sphaeranthus amaranthoides</i>	Ms.S.Gayatri Lecturer, Faculty of Pharmacy	Dr.C.Uma Maheswara Reddy Professor & HOD, Dept. of Pharmacology Dr.K.Chitra Professor & HOD, Dept. of Pharmaceutical chemistry, Faculty of Pharmacy	Laboratory consumables: 60,000 Characterisation of the biomolecule: 15,000 Travel expenses: 5,000 Administrative expenses/Data Management & report preparation: 5,000 Publication costs/ Cost for proposal submission to external funding

				agencies: 5,000 Rs. 90,000
16.	Authentication and evaluation of anti-arthritis potential of an ayurvedic plant drugs "PATALA"	Mrs.S.Latha Lecturer, Dept.of Pharmacognosy, Faculty of Pharmacy	Dr.S.Seethalakshmi Professor & Head, Dept. of Pharmacology Dr.D.Chamundeeswari Principal, Faculty of Pharmacy	Laboratory Consumables: 60,000 Minor Equipment: 15,000 Data Management & report preparation: 3,000 Travel expenses: 3,000 Administrative expenses: 3,000 Publication costs: 5,000 Costs for proposal submission to external funding agencies: 3,000 Rs. 92,000
17.	In vivo anticancer activity of 3,4 dihydro pyrimidones	Mr.N.Gopinathan Asst.Professor, Faculty of Pharmacy	Dr.K.Chitra Professor & HOD, Dept. of Pharmaceutical chemistry, Faculty of Pharmacy	Azoxy methane - Chemicals: 22,000 Animals: 16,000 Histopathological studies: 30,000 Data Management & report preparation: 5,000 Travel expenses: 5,000 Administrative expenses: 5,000 Publication costs: 5,000 Rs. 88,000
18.	Efficacy of caregiver/teacher administered remedial program for the management of children with Auditory Processing Disorder	Ms.Muthuselvi.T Lecturer, Dept. of SLHS	Ms. Jayashree Seethapathy Lecturer, Dept. of SLHS Prof.Roopa Nagarajan Course chairperson, SLHS	Screening/diagnostic material in the assessment of ADP: 15,000 Assessment: 20,000 Development of remedial program: 30,000 Laboratory Consumables: 5,000 Travel expenses: 5,000 Publication costs & Submission of proposal to study agencies: 5,000 Data Management & report preparation: 5,000

				Rs. 85,000
19.	Genetic polymorphisms in estrogen metabolizing enzymes and breast cancer risk	Mr. F.Andrea Mary Lecturer, Dept. of Human Genetics	Dr.R.Ramya Professor, Dept. of General Surgery	Laboratory Consumables: 60,000 Minor Equipment: 15,000 Administrative expenses/Data management & report preparation: 5,000 Travel expenses: 5,000 Publication costs/ Costs for proposal submission to external funding agencies: 5,000 Rs. 90,000
20.	Development and preclinical evaluation of topical herbal formulation for wound healing from flavonoid rich fraction of traditional medicinal plant	Ms.S.Shanthi Lecturer, Faculty of Pharmacy	Dr.S.Seethalakshmi Professor & Head, Dept. of Pharmacology Dr.D.Chamundeeswari Principal, Faculty of Pharmacy	Laboratory Consumables: 60,000 Minor Equipment: 8,000 Data management & report preparation: 5,000 Travel expenses: 5,000 Administrative expenses: 5,000 Publication costs: 5,000 Costs for proposal submission to external funding agencies: 5,000 Rs. 93,000
21.	In-vitro and In-Silico neuroprotective activity of selected traditional medicinal plants- A reverse pharmacological approach	J.Srikanth Lecturer, Dept. of Pharmacology, Faculty of Pharmacy	Dr.C.Uma Maheswara Reddy Professor & HOD, Dept. of Pharmacology, Faculty of Pharmacy Mr.M.Sivakumar Asst.Professor, Dept. of Pharmacology, Faculty of Pharmacy	Laboratory Consumables: 60,000 Data management & report preparation: 5,000 Travel expenses: 5,000 Administrative expenses: 5,000 Publication costs: 5,000 Costs for proposal submission to external funding agencies: 5,000 Rs. 85,000
22.	Determining the duration of the antibiotic therapy in Neonatal Septicemia using Molecular methods - A pilot RCT	Dr.Shaik Mohammed Shafi Jan Asst.Professor, Dept. of Neonatology	Dr.Prakash.A Assoc.Professor Dr.Umamaheswari. B Asst.Professor Dr.Ashok.C	Real Time PCR for 16S rRNA; 75,000 Sequencing: 20,000 Data Presentation & administrative

			Asst.Professor Dr.Binu Ninan Professor & HOD Neonatology Dr.Padma Srikanth Professor, Dept of Microbiology	expenses: 2,000 Publication costs: 2,000 Rs. 99,000
23.	Assessment of Vitamin D levels in adolescents & young adults in Chennai	Dr. Sheela Ravinder Assistant Professor Dept. of Physiology	Dr. R. Padmavathi Prof. & Head Dept. of Physiology	Laboratory Consumables: 94,000 Report/Publication & Proposal Submission; 6,000 Rs. 1,00,000

Sri Ramachandra University

(Declared under Section 3 of the UGC Act, 1956)

Porur, Chennai – 600 116

(a) The following is the list of proposals recommended on for the sanction of GATE Project grants for the year 2012-2013.

Order of Merit	Title of the Research Proposal	Name of the Principal Investigator & Department	Name (s) of collaborators & Departments	Quantum of Grant Recommended
1.	Preparation, Characterization and Pharmacological (Anti-diabetic) evaluation of Embelin nanoparticles (embelia ribes berries and its metal complexes)	Mrs. Saba Maanvizhi Associate Professor Faculty of Pharmacy	Dr. A. Gnanamani Senior Scientist & Head Microbiology Division, CLRI Adyar, Chennai Dr. K. Chithra Professor Faculty of Pharmacy	Consumables: 50,000 Minor Equipment: 10,000 Travel: 5,000 Contingency & Report preparation: 10,000 Rs. 75,000
2.	Efficacy of video feedback on mother-child interaction in parents of children with language disorder	Mrs. M. Krupa Lecturer Department of Speech language and Hearing Sciences	Ms. V. H. Savitha Reader Department of Speech language and Hearing Sciences Ms. Amudhu Sankar Assistant Professor Department of Speech language and Hearing Sciences	Digital Video Camera with accessories: 53,000 Play materials: 10,000 Hard disk for storage of video recorder samples: 5,000 Charges for therapy: 7,000 Contingency and report preparation: 5,000 Rs. 80,000
3.	Inflammation and its association with arterial stiffness and abdominal aortic calcification in chronic kidney disease patients	Mr. D. Jagadeswaran Lecturer in Dialysis Technology	Dr. P. Soundararajan Professor & HOD Department of Nephrology Dr. S. Thanikachalam Chairman & Director Cardiac Centre Dr. P. M. Venkata Sai Professor & HOD	Consumables : 60,000 Travel expenses: 5,000 Report preparation: 5,000 Rs. 70,000

			Department of Radiology Dr. E. Ram Prasad Assistant Professor of Nephrology	
4.	Evaluation and Histological changes in the dentin and pulp in active and passive self ligating systems as compared to conventional fixed appliance systems	Dr. P. S. Haritha Senior Lecturer in Orthodontics Faculty of dental Sciences	Dr. Sridevi Padmanabhan Professor of Orthodontics Dr. N. Malathi HOD, Department of Oral pathology Dr. Arun B. Chitharanjan Professor & HOD Department of Orthodontics	Active Self ligating bracket system kit: 5 nos 37,500 Passive Self ligating bracket system kit: 59,000 Contingency & Report preparation: 3,500 Rs. 1,00,000
5.	Cord blood interleukin 6 levels as a predictor of neonatal outcome in premature babies less than 32 weeks	Dr. Umamaheswari Assistant Professor of Neonatology	Dr. Binu Ninan Professor & Head Department of Neonatology Dr. Prakash Amboiram Associate Professor Department of Neonatology Dr. A. C. Aravanan Assistant Professor Department of Neonatology Dr. Pushpalatha Professor & Head Department of OBG Dr. Padma Srikanth Professor of Microbiology Dr. S. Bashi	Contingency: 80,000 Travel: 2,000 Data presentation & administrative expenses: 2,000 Publication costs: 2,000 Proposal submission to avail external funds: 1,000 Rs. 87,000

			Professor of Clinical Psychology Dr. Prabha Tutor Department of Neonatology	
6.	A study to assess the effectiveness of Pranic healing on physical well-being among patients subjected to cardiac surgeries admitted in wards at SRH Chennai - 116	Ms. D. Geetha Lecturer Faculty of Nursing	--	Purchasing galvanic skin conductance apparatus: 45,000 Field expenses: 15,000 Data Management and report preparation statistical analysis : 5,000 Contingency & Publication costs: 5,000 Rs. 70,000
7.	Integrated e-module on diabetes mellitus for phase I and phase II MBBS students	Dr. P. Archana P. Kumar Assistant Professor of Physiology	Dr. Seethalakshmi Professor & HOD Department of Pharmacology Dr. C. M. Prabukumar Assistant Professor of Biochemistry Dr. P. V. Vijayaraghavan Director Academic Admin., Dean Education Mr. Godwin Department of Animation	Software: 40,000 Web access & charges: 50,000 Tracking etc.: 10,000 Rs. 1,00,000
8.	Expression of MMP-1, TIMP-1 and the ratio of MMP1/TIMP1 in normal and carious dentin	Dr. Hannah Rosaline Assistant Professor of Conservative Dentistry & Endodontics Faculty of Dental Sciences	Dr. D. Kandaswamy Dean, Faculty of Dental Sciences and Professor & HOD Department of Conservative Dentistry &	Consumables: 70,000 Report preparation: 5,000 Contingency: 5,000 Rs. 80,000

			Endodontics Dr. M. Rubin PG Student, Conservative Dentistry & Endodontics, Faculty of Dental Sciences	
9.	Synthesis, in-silico and in-vitro analysis of novel spiroindole, pyrazole analogues against thymidylate synthase A promising anti-cancer target	Mrs. C. Vinothini Assistant Professor of Faculty of Pharmacy	Mr. J. Srikanth Lecturer Faculty of Pharmacy Mrs. Shabna Roupal Morais Assistant Professor Faculty of Pharmacy	Laboratory chemicals & Consumables: 60,000 Insilico anlysis: 10,000 Travel: 5,000 Contingency: 5,000 Rs. 80,000
10.	Tracing the aberrant transcription factor NF-kB in human bladder lesions	Dr. W. Charles Emmanuel Jebaraj Associate Professor of Biotechnology	Dr. J. Thanka Professor of Pathology	Consumables: 85,000 Contingency: 5,000 Rs. 90,000
11.	Role of MTFR gene polymorphism in Male Infertility	Mrs. B. Nandhini Lecturer Department of Human Genetics	Dr. V. Vettriselvi Assistant Professor of Human Genetics	Laboratory Consumables: 60,000 Minor equipment: 15,000 Contingency; 5,000 Rs. 80,000
12.	Evaluation of the effect of Flupirtine in Brain cells of Albino rats	Dr. P. Elango Associate Professor Department of Pharmacology	Dr. S. Seethalakshmi Professor & HOD Department of Pharmacology	Consumables: 75,000 Minor equipment: 10,000 Contingency: 5,000 Rs. 90,000
13.	Anterior Knee pain in Indian Patients	Dr. Tvisha parikh Assistant Physician in Sports and Exercise Medicine	Dr. S. Arumugam Professor & Head Department of Arthroscopy and Sports Medicine	X-rays for participation: 60,000 Minor equipment: 40,000 Contingency: 5,000 Rs. 1,00,000
14.	In-vitro screening of ethanolic leaf extract of Croton bonplandianum for anti-obesity activity	Dr. A. Sumathy Assistant Professor of Biomedical Sciences	Dr. V. Lalitha Lecturer Department of Biomedical Sciences	Consumables & Cell lines: 50,000 Minor Equipment: 10,000 Contingency: 5,000 Rs. 65,000

	TOTAL	Rs. 11,67,000
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Sri Ramachandra University

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The following is the list of proposals recommended on for the sanction of GATE Project grants for the year **2011-2012**.

Order of Merit	Title of the Research Proposal	Name of the Principal Investigator & Department	Name (s) of collaborators & Departments	Quantum of Grant Recommended
1.	Evaluation of the effect of Flupiritine in U373 MG (Human brain tumor) cells	Dr. P. Elango Associate Professor Dept. of Pharmacology	Dr. S. Seethalakshmi Prof. & Head Dept. of Pharmacology Dr. T. S. Lokeswari Prof. & Head i/c Dept. of Biomedical Sciences Mr. U. Baraneedharan Lecturer Dept. of Biomedical Sciences	Consumables: 75,000 Minor Equipment: 20,000 Contingency: 5,000 Rs. 1,00,000
2.	A Study to identify the reference values for isometric muscle strength in extremities for South Indian population	Mr. R. Sivakumar Vice Principal and Reader Faculty of Physiotherapy	Prof. N. Venkatesh Professor and Principal Faculty of Physiotherapy	Equipment Dynamometer: 40,000 Chair and desk modification: 15,000 Expenses: 5,000 Rs. 60,000
3.	Association of abnormal placental histopathology with adverse short term outcome and long term neurodevelopmental outcome in preterm and IUGR babies in a tertiary care centre.	Dr. Prakash Amboiram Associate Professor Department of Neonatology	Dr. Binu Ninan Professor and Head, Dr. Umamaheswari Assistant Professor Dr. Prabha Tutor Department of Neonatology Dr. Pushpalatha Professor & Head Department of Obstetrics & Gynaecology Dr. Rajendran Dept. of Pathology	Consumables & Lab Expenses: 80,000 Proposal Documentation Reports: 10,000 Expenses for study Subject: 10,000 Rs. 1,00,000

			Dr. Bhasi Professor Dept. of Clinical Psychology	
4.	A Pharmacogenetic study on CAPOX therapy in colorectal cancer patients	Mrs. R. Ramalakshmi Lecturer Faculty of Physiotherapy	--	Consumables: 80,000 Plastic wares & Glasswares: 15,000 Stationeries & Report preparation: 5,000 Rs. 1,00,000
5.	A Study of Influence of Cryogenic Treatment on Nickel-Titanium Alloy for Enhanced Performance of Rotary Endodontic Instruments	Dr. T. S. Vinothkumar Reader Dept. of Conservative Dentistry & Endodontics	Dr. D. Kandaswamy Prof. & Head Dept. of Conservative Dentistry & Endodontics Dr. G. Prabhakaran Vice Principal Dept. of Production Technology Velammal Engineering College Dr. A. Rajadurai Prof. & Head Dept. of Production Technology Madras Institute of Technology	Consumables & Minor Equipments: 85,000 Travel & Stationeries: 10,000 Data analysis & Report Preparation: 5,000 Rs. 1,00,000
6.	Assessment of Leptin concentration in gingival crevicular fluid during orthodontic tooth movement and its correlation to rate of tooth movement	Dr. Bhadrinath Senior Lecturer Dept. of Orthodontics Faculty of Dental Sciences	Dr. Vignesh Kailasa Professor Dr. Arun B Chitharanjan Dept. of Orthodontics	Rs. 99,000
7.	Prognostic significance of Receptor for Hyaluronam - Medical Motility (RHAMM) protein expression in acute leukemia	Dr. Sai Shalini Assistant Professor Dept. of Pathology	Dr. D. Febe Renjitha Suman Associate professor Dr. Julius Xavier Scott Associate Professor	Rs. 70,000
8.	Denuded amniotic membrane as a scaffold for human corneal endothelial cells	Dr. Kalpana suresh Professor & Head Dept. of Ophthalmology	Dr. Sarah Kuruvilla Professor & Head Dept. of Pathology Dr. Alan M Punnoose	Rs. 75,000

			Research Associate Cell and Tissue Engineering Lab	
9.	Evaluation of invivo genotoxicity of Ethyl methane sulphonate (EMS) and heavy metals in Drosophila melangaster using the Wing Spot Test	Ms. V. Deepa Parvathi Lecturer Dept. of Human Genetics	--	Rs. 80,000
10.	Effectiveness of Performance Appraisal System	Ms. G. Jabarethina Senior Lecturer Faculty of Management Sciences	--	Rs. 50,000
11.	A study to assess the effect of Comprehensive Nursing Strategies on Anxiety, Quality of life and Functional status among patients subjected to Coronary Artery Bypass Grafting (CABG) at SRMC, Porur, Chennai - 116	Ms. P. Akila Lecturer Faculty of Nursing	--	Rs. 44,000
12.	A study to assess the effect of biofeedback assisted relaxation on anxiety and blood pressure levels of hypertensive patients in Cardiac Care Centre of Sri Ramachandra Hospital - Chennai - 116	Ms. Sujatha Lecture Faculty of Nursing	--	Rs. 50,000
	TOTAL			Rs. 9, 28, 000

(S. P. THYAGARAJAN)