INTRAMURAL AND EXTRAMURAL RESEARCH GRANTS AWARDED TO FACULTY/RESIDENTS

Intramural research (Yenepoya University):

1. Impact of family oriented approach on the utilization of healthcare services.
   Principal Investigator: Dr. J.P. Majra Dept of Community Medicine. Yenepoya Medical College, Co-PI: Dr. Ghulam Jeelani Qadiri, Dept of Hospital Administration. Total Grant Amount Rs. 2,00,000/-.  
   Note: As Dr. J.P. Majra, Principal Investigator left the institution, Dr. Sidharudha Shivalli, Asst. Professor, Community Medicine has been nominated as Principal Investigator and Dr. Ghulam Jeelani Qadiri, Dean, YMC and Dr. Akshaya K.M., Asst. Professor, Community Medicine as Co-Principal Investigator vide No.YU/REG/ACA/ICMR/005/2012 dated 20.10.2012.

2. Phenotypic and Genotypic characterization of Virulence Factors and Antibiotic Resistance in Extra-Intestinal pathogenic E.COLI (Ex PEC).
   Principal Investigator: Dr. Rouchelle Tellis, Co-PI: Mr. Amar Sunil Lobo, Dept. of Microbiology, Total Grant Amount Rs.1,37,000/-

3. Health Insurance: Knowledge, Attitude, Practice and Satisfaction of the rural population
   Principal Investigator: Dr. Sunitha Saldanha, Dr. Co-PI: Ghulam Jeelani Qadiri Department of Hospital Administration, Mr. Mohammed Guthigar, Medico Social worker. Total Grant Amount Rs. 86,000/-

4. Assessment of social marketing strategy for the outcomes of directly observed treatment short course (DOTS) for Pulmonary Tuberculosis patients from Mangalore.
   Principal Investigator: Dr. Radha Y. Aras, Department of Community Medicine. Department of Community Medicine Total Grant Amount Rs. 78,000/-

5. A prospective study of Metallo Beta Lactamase (MBL) producing Pseudomonas aeruginosa among patients attending a tertiary care hospital.
   Principal Investigator: Dr. Sunil Rao P. Department of Microbiology Total Grant Amount Rs.1,20,000

6. Blood group determination using DNA extracted from exfoliated primary teeth at various time duration and temperatures- A PCR study.
   Co- Investigator: Dr. Rouchelle C. Tellis, Department of Microbiology, Total Grant Amount Rs. 1,35,000/-

7. "Estrogen Receptor and Progesterone Receptor Expression in Uterine Smooth Muscle Tumors – a preliminary e evaluation”.
   Principal Investigator: Dr. Prema Saldanha, Professor of Pathology, Co-investigator: Dr.K.Pushpalatha Pai, Professor & HOD, Pathology Dr.Junu Abraham, Tutor, Pathology. Total Grant Amount Rs, 60,000 (Sanctioned)

8. "Detection and Genotyping of Human Papilloma Viruses in Women of Reproductive Age with abnormal Pap smear cytology”
   Principal Investigators: Dr. Vidya Professor Microbiology, & Dr. Smitha B Rao, Assistant Professor OBG (Submitted for Approval to the University sanction during May 2012).
9. "A prospective study on Biofilm formation and drug resistance in Candida in a tertiary care Hospital with a special reference to Candida Tropicalis" (Submitted during April 2012)
   Principal Investigator: Mrs. Faseela T.S, Tutor, Microbiology YMC, Co – Principal Investigator: Dr. Sunil Rao Padmaraj, Prof & HOD Microbiology YMC, Total Cost: Rs,2,50,151.

10. "Characterisation of anaerobes encountered in surgical infections in patients attending a tertiary care Hospital. A prospective study (Submitted during April 2012)"
    Principal Investigator: Dr. Shreevidya K, Asst. Prof, Microbiology Co-Investigator: Dr. Jagadishchandra Assoc. Professor Microbiology. Total Cost: Rs,2,00,925.

11. "A study on the prevalence and etiology of mental retardation in Mangalore Taluk" Principal Investigator: Dr. Bhagya B Sharma, Lecturer, Anatomy Co-Investigator: Dr. Ramakrishna Avadhani, Professor and HOD Anatomy, Collaborator: Ms. Soumya Shriyan, Lecturer, Psychiatry. Total cost: Rs, 36,000.

12. "An epidemiological profile of disability patterns in Mangalore Taluk" (without financial grant)
    Principal Investigator: Dr. Bhagya B Sharma, Lecturer, Genetics Unit

13. "Causes of Red Eye", Principal Investigator: Dr. Vidya Hegde, Professor of Ophthalmology, Yenepoya Medical College (student project - submitted).

14. Study of protein oxidation markers, sialic acid and ischemia modified albumin, in high risk and low risk cases undergoing off – pump coronary artery bypass graft" Principal Investigator: Dr. Sindu, Assistant Professor Biochemistry( Submitted during July 2012).

15. "Urinary stones in Dakshina Kannada and North Kerala : An Analysis of risk factors, Metabolic evaluation and prevention” submitted by Dr. Mujeeburahiman, Associate Professor of Urology YMC (sanctioned on 16.08.2012)

16. "An epidemiological profile of disability patterns in Mangalore taluk”
    Principal Investigator: Dr. Bhagya Sharma, Lecturer Genetics Anatomy YMC
    (Non funded)

17. A Research Proposal entitled “Consanguinity analysis and its effect on offspring in Mangalore” by Dr. Bhagya B Sharma, Lecturer Genetics Unit Under Yenepoya University (Non funded).

18. A Research proposal titled “whome genome scan analysis of copy number variations in a south Indian family with Vander Woude’s syndrome”
    Principal Investigator: Dr. SM Dinesh Lecturer, Genetics Unit Department of Anatomy Yenepoya Medical College. Co – Investigator: Dr. Manu Prasad centre for Craniofacial Anomalies, Yenepoya Dental College. Total fund: 2,15,000

19. A Research Proposal titled “Management of Biomedical waste in basis sciences departments of medical colleges at Mangalore”
    Principal Investigator: Dr. Sanjeev Kumar, Associate Professor Community Medicine. Co-Investigator: Dr. Siddharudha Shivalli, Assistant Professor Community Medicine. (Non funded).

20. A Research project titled “Determination of lipid peroxidation, oxidative stress and inflammatory status in vitiligo” by Dr. Sanatha Rao, Associate Professor Department of Dermatology. (Funded)
21. A Seed grant project titled “Evaluation of Serum Biochemical Markers of Psoriasis as a Metabolic Syndrome”. Principal Investigator: Dr. Manjunath Shenoy Prof & HOD Dermatology Co-Investigator: Dr. Manjula Shantharam Associate Professor Department of Biochemistry. Total cost: Rs.1,44,000. (Submitted for approval).

22. A Seed grant project titled “Sonographic correlation of gestational age with fetal kidney length and foot length” Principal Investigators: Dr. Sandhya Hemraj Sr. Resident Radiodiagnosis and Dr. Devdas Acharya Professor, Total cost: Rs.60,000. (Submitted for approval).

23. A Research project titled “Comparison of General Anaesthesia in Prone position with Laryngeal Mask Airway and Endotracheal Tube” by Dr. Jacob Pavothikunnel Philip Assistant Professor Department of Anaesthesia under the guidance of Dr. Gopalakrishna K Professor Department of Anaesthesia. (Non-Funded).

24. A Research project titled “Pre Induction Ketamine vs magnesium gargle to attenuate postoperative sore throat: A comparative double blind study” by Dr. Rasquinha Vinay Jude Assistant Professor Department of Anaesthesia under the guidance of Dr. Harish Hegde Professor Department of Anaesthesia. (Non-Funded).

25. A Research project titled “A prospective study on biofilm formation and drug resistance in Candida in a tertiary care hospital with a special reference to Candida albicans”, Principal Investigator: Mrs. Faseela T.S. Tutor Department of Microbiology. Co-Principal Investigator: Dr. Sunil Rao Padmaraj, Professor & HOD Microbiology Total fund: Rs. 2,39,989.

26. Research project titled “Morphometric study of Supraorbital and frontal Exits in skulls of Dharwad and Bijapur area of South India” by Dr. Shivaram Bhat, Associate Professor Anatomy (Non funded).

27. Research project titled “A study of protein oxidation markers, sialic acid, ischemia modified albumin in different cardiac surgeries” and “A study of protein oxidation markers and antioxidants in patients undergoing surgical correction of congenital heart disease” by Dr. Sindhu Asst. Prof Biochemistry (Non funded).

28. Research proposal titled “Comparative studies of MRI of knee joint of patients with and without ACL tears to analyze the predisposing factors for ACL tear in suspected cases of intra articular derangement of knee joint” by Dr. Aravind M, Co-investigator Dr. Vinayaka U.S. Department of Radiodiagnosis. (Submitted) Approximate cost 2,00,000.

**Extramural research (ICMR/Other) grants:**

1. **Chemical toxicity of uranium: A comprehensive study using albino wistar rats.**
   Principal Investigator: Dr. Arun A.B. Yenepoya Research Center. Co-PI: Dr. S. N. Rao, Professor and HOD, Department of Pharmacology. Yenepoya Medical College. Total Grant Amount Rs. 50,20,750/-
2. ICMR projects **recommended** by PRG for funding  (Yet to start)

   A task force project: **A community based study to assess the nutritional status among elderly and its association with the socio-demographic and dietary factors in Dakshina Kannada district of Karnataka State in India**’ (ICMR 33 Lakh).Principal Investigator: Dr J.P. Majra Dept of Community Medicine. Yenepoya Medical College, Co-PI: Dr. Ghulam Jeelani Qadiri Dept of. Hospital Administration and Smt. Dhanya Santhosh Valavi.

3. Ad-hoc (extra-mural) Research project **Accepted & under process:** Do our medical colleges inculcate health promoting life style among medical students: a cross-sectional study from Karnataka state of India.

   Principal Investigator: Dr J.P. Majra Dept of Community Medicine. Yenepoya Medical College, Co-PI: Dr. Ghulam Jeelani Qadiri Dept of. Hospital Administration and Smt. Dhanya Santhosh Valavi.

   Note : This stands transferred to Srinivas Medical College as per the instruction of ICMR due to joining of Dr. J.P. Majra to Srinivas Medical College w.e.f. December 2012.

4. Project **proposed** for funding under RNTCP.

   **Impact of supplementing passive case finding in health services with active case finding during home visits scheduled for other reasons on the NSP case detection rate of Pulmonary Tuberculosis.**’ (RNTCP 5Lakh)

   Principal Investigator: Dr J.P. Majra Dept of Community Medicine. Yenepoya Medical College, Co-PI: Akshaya K.M., Dept. of Community Medicine, Dr. Ghulam Jeelani Qadiri Dept of. Hospital Administration and Dr. Subin A, Dept. of Pulmonary Medicine, Dr. Rouchelle Tellis, Dept. of Microbiology.

   Note : As Dr. J.P. Majra, Principal Investigator left the institution, Dr. Radha Y. Aras, HOD, Community Medicine, YMC has been nominated as Principal Investigator vide No.YU/REG/ACA/ICMR/005/2012 dated 20.10.2012.

5.  “**Prenatal test for Thalassemia and new born screening test for early diagnosis and treatment of Phenyl Ketonuria among Dakshina Kannada Population**” Research Project Under Ministry of Science and Technology – Based Programs for women (Submitted by Dr.Manjula S Associate Professor Biochemistry during June 2012).

6.  The Department of Health and Family Welfare is taking up a pilot project of screening of Non-communicable disease – Hypertension, Diabetes and Ca - cervix in Dakshina Kannada District. Under Karnataka Health System Development and Reform Project. Total cost: 5 Lakhs. (Under Department of Community Medicine).

7.  “**Assessment of neutrophil functions as early immune markers and predictors of severity in community acquired bacterial pneumonia**” (Total fund Rs, 13,52,150 under for grant ICMR)

   Principal Investigator: Mrs.Janita D’Souza, Lecturer, Microbiology, Co-Investigators: Mrs.Vidya Bernhardt, Assistant Professor, Department of Biochemistry & Dr.Ravi Vaswani,Professor Department of Community Medicine (submitted on 02.08.2012)

8.  “**Seed Money to young Scientist for Research/VGST grants**” under Vision group on science & Technology, Govt of Karnataka” submitted by Dr.Kishore Kumar Keekan, PDF, Microbiology (submitted on 28.08.2012)

9.  Ad–hoc Research project titled “**A Review of Anthropometric Variables with Lipid Profile and Family History Among the People Visiting Yenepoya University Hospital and to Analyse the Risk Factors for Predisposition to Type 2 Diabetes and CVD**” submitted by Dr. Manjula Shantharam, Principal Investigator & Associate professor, Department of Biochemistry Yenepoya Medical College to Indian Council of Medical Research (submitted on 30.08.2012).
10. ICMR Research Project titled “A review of anthropometric variables with lipid profile and family history among the people visiting Yenepoya University Hospital and to analyze the risk factors for predisposition to type to type 2 diabetes and CVD” Total fund : Rs. 2,99,200
Principal Investigator : Dr.Manjula Shantharam, Associate Professor, Biochemistry, Co-investigator : Dr.Ashok Nayak, Professor & HOD General Medicine. (Under process)

11. SIG Research project titled “Detection of contact allergens in patients with chronic leg ulcer” Principal Investigator : Dr.Manjunath Shenoy HOD Dermatology (funded, Submitted).

12. A Research Proposal titled “Whole genome scan analysis of copy number variations in south Indian families with Congenital Heart Disease” under Task Force and Pharmacogenomics by GIA scheme of DHR. Principal Investigator : Dr.Dinesh S.M. Lecturer Department of Anatomy. (Submitted).

13. A Research proposal titled “Activity of plant derived terpenes on the structure and function of mycolic acids and Isocitrate Lyase (ICL) of Mycobacterium Tuberculosis” by Dr.Kishor Kumar Keekan, PDF, Microbiology under the grant -In-Aid Scheme in the Department of Health Research (DHR), Ministry of Health and Family Welfare, New Delhi. (Submitted).

14. ICMR Research project on the title ICMR of Dr Latha Rajendra Kumar as one of the investigator on the titled “CROSSING OVER THE HURDLES OF SEXUALITY IN THE DISABLED: A OUTLOOK ON THE CHANGES IN LEGISLATION THROUGH PHENOMENOLOGY AND FEEDBACK FROM STAKEHOLDERS ” by Dr Latha Rajendra Kumar, Professor of Physiology. as Principal investigator. (Submitted).

(Students On Going Research Projects)

1. A student Research project titled “A clinical study of Ocular trauma” by Ms.Pretty Vasu, Mr.George Babu, Mr.Nizamuddin (III MBBS students) under the guidance of Dr.Cynthia Arunachalam, Professor & HOD Ophthalmology. (Non-funded).

2. A student Research project titled “Study of Parenting Stress, Anxiety and Depression among parents of cleft lip and/or cleft palate children” by Ms.Mehfuza Beary III MBBS (2009 batch student) under the guidance of Dr.Anil Kakkunje, Assistant Professor, Psychiatry (Non-funded).

3. A student Research project titled “Effect of Pregnancy on the speaking voice” by Ms. Sania Zubaer, III MBBS (2009 batch student) under the guidance of Dr. Smitha Rao, Assistant Professor, OBGGYN (Non-funded).

4. A student Research project titled “Malaria in Pregnancy” by Ms.Vishranka S Aithal, III MBBS Part –II (2008 batch student) under the guidance of Dr. Smitha Rao, Assistant Professor, OBGGYN(Non-funded).


6. A student Research Project titled “Etiology and Diagnostic Approach to vocal cord palsy – A Retrospective study” (2009 Batch student) under the guidance of Dr. Sai Manohar, Department of ENT. (Non-funded).
7. Project proposal titled "Ocular morbidity pattern in tobacco users in patients attending Ophthalmology OPD" (Non funded). students of 2009 Batch Ms.Mubeena 09M050, Mubeena PM, 09M051, Muheeddein Shad 09M053, Muhsin Mundodan 09M054, Murshida 09M055, Nabilah Zaabar 09M057. Guide : Dr. Rashmi Jain, Associate Professor, Ophthalmology.

8. Research Project titled "Voice disorder among school teachers of coastal Karnataka : A study of prevalence, subjective complaints, contributory factors and objective measurement using acoustic analysis" by Mr. Suresh .M (III MBBS – 2009 Batch) under the guidance of Dr.Vijayalakshmi, Associate Professor ENT. (Non – funded).

9. Research Project titled "Otolological and audiogical manifestations in cleft lip and cleft palate children" by Mr.Vijay Kumar (III MBBS - 2009 Batch) under the guidance of Dr.Vijayalakshmi, Associate Professor ENT. (Non – funded).

10. Research Project titled "Knowledge and Attitude towards Bio Medical Waste Management among Pre final year Medical students of Yenepoya Medical College Mangalore" by Ms.Afreen Ameen III MBBS 2009 Batch. Under the guidance of Dr.Akshaya K.M. Assistant Professor Department of Community Medicine.

11. A Research proposal titled "Pattern of contact lens use and problems related to their use in health care students in Mangalore" by III (Part –I, MBBS 2009 students (MS.Ameena Mehboob, Ms.Aniya Ahmed, Ms.Anju, Ms.Asha Abdul Salam, Ms.Aysha Kunnumal) under the guidance of Dr.Rashmi Jain, Associate Professor, Department of Ophthalmology.

12. A Research proposal titled "Health care management :Knowledge attitude and practices among nurses of a teritiary care hospital" by Ms.Vasuda Sanklapur (III MBBS student 2009 Batch)under the guidance of Dr.Siddharudha Shivalli, Assistant Professor, Department of Community Medicine.

13. A Research proposal titled “Occupational exposure to infections: A study on Biomedical waste handlers of a tertiary care hospital” by Ms.Soumyashree H (III MBBS Part-I student 2009 Batch)under the guidance of Dr.Siddharudha Shivalli, Assistant Professor, Department of Community Medicine.

14. A student Research project titled “Parental Awareness regarding common ocular complaints of children” by 2009 Batch students Ms.Risyana Puthiya puraiyl, Ms.Shireen Shamsuddeen, Ms.Thahira Abdul Latheef, Mr.Yasid K.T Ms.Mehfooza Beary, Mohammed Jasim Hussain under the guidance of Dr.Vidya Hegde, Professor Department of Ophthalmology.

15. A student Research project titled "Awareness on Eye Donation on PU students” submitted by 2009 Regular batch students Mr.Abdul Hakim, Ms.Aishwarya Mr.Akhil P Ishaq under the guidance of Dr.Uma Kulkarni Associate Professor Department of Ophthalmology.(Non funded).