



Yenepoya (Deemed to be University)

Yenepoya Research Centre

Ongoing Projects:

Sl. No.	Project Title	Principal Investigator	Year	Amount Sanctioned
1.	Effects of quercetin on cardio-protective effect of resveratrol against isoproterenol induced myocardial injury	Dr. Mohammed Gulzar, Pharmaceutics Dept., Yenepoya Pharmacy College and Research Centre	2018	2,00,000
2.	Comparative proteomic analysis of serum to identify underlying molecular mechanism of Psoriasis	Dr. Saiqa R Shah, Assistant Professor, Dept. of Bio chemistry		2,00,000
3.	Identification and evaluation of potential biomarkers for early diagnosis of liver cirrhosis using high-resolution mass spectrometry	Dr. B. Sudheesh Shetty, Associate Professor, Dept. Of Medicine, Yenepoya Research Centre		2,00,000
4.	Understanding the role and function of Non-coding RNAs during myogenic and osteogenic	Dr. Raghu Bhushan, Assistant Professor,		3,00,000

	differentiations and its impact on skeletal muscle diseases	Yenepoya Research Centre.		
5.	Characterization of irreversible oxidative damage in serum albumin	Dr. R. Shyama Prasad Rao, Assistant Professor, Yenepoya Research Centre		2,00,000
6.	Fucoidan beads containing hydroxyapatite and grapheme oxide for bone tissue repair and regeneration	Dr. Jayachandran Venkatesan, Assistant Professor, Yenepoya Research Centre		2,00,000
7.	Identification of blood and urinary markers to predict severity of neonatal asphyxia using high resolution mass spectrometry	Dr. Arun A.B., Professor, Yenepoya Research Centre		2,00,000
8.	Evaluation of inflammatory mediators and magnetic resonance imaging changes in temporomandibular joint disorders following Arthrocentesis with sodium hyaluronate injection	Dr. Joyce Sequeria, Professor, Dept. of Oral & Maxillofacial Surgery, Yenepoya Dental College	2018-21	3,23,000
9.	Early detection of idiopathic scoliosis through school based screening	Ms. Mudasir Rashid Baba, Assistant Professor, Yenepoya Physiotherapy College	2018-20	1,00,000
10.	Development of PCR based assay for scrub typhus at Yenepoya Medical College and identification and evaluation of potential biomarkers for diagnosis of scrub typhus in patients with acute undifferentiated febrile illnesses	Dr. Anurag Bhargava, Professor, Dept. of Medicine, Yenepoya Medical College	2018-21	3,00,000
11.	Elucidating the mechanism of piperine in enhancing the sensitivity of cisplatin treated cancers towards radiation PI:	Dr. Divya Lakshmanan M, DST-YSS Faculty, Yenepoya Research Centre	2018-20	2,00,000
12.	Investigating the Genetics of Deep vein Thrombosis among South Indian adults	Dr. Shankar Prasad Das, Assistant Professor,	2018-21	3,00,000

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13.	Identification of metabolomic markers for prediction of disease progression in mild-to-moderate COPD	Dr. Sneha M. Pinto, DST-INSPIRE Faculty, Yenepoya Research Centre	2018-20	2,80,000
14.	Development of bioreducible block copolymer drug conjugate nanoassemblies functionalized with noble metal nanoparticles for targeted, image guided delivery of chemotherapeutic drugs and biosensing applications	Dr. Renjith P. Johnson, Assistant. Professor, Yenepoya Research Centre	2017-19	2,50,000
15.	Designing and development of lab-on-paper device for sensing trace arsenic in ground water	Dr. K. Sudhakaraprasad, Asst. Professor, Yenepoya Research Centre	2017-19	2,50,000
16.	Molecular mechanism of p53 mutations in cancer stem cells isolated from triple negative breast cancer cell lines	Dr. Suparna Laha, Scientific Officer, Yenepoya Research Centre	2016-18	2,00,000 2,00,000
17.	Renal response to graded warm ischemia –An animal experiment study	Dr. Mujeeburahiman, Professor, Dept. of Urology, Yenepoya Medical College	2016-19	1,71,000



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Intramural funded projects

Completed:

Sl. No.	Project Title	Principal Investigator	Year	Amount sanctioned
1.	Skeletal muscle fluorosis: effects on skeletal muscle cells and its associated mechanisms in vitro and in vivo studies	Dr. Sudheer Shenoy P. Asst. Professor/Senior Scientific Officer Yenepoya Research Centre	2017-19	Rs. 1,60,000
2.	Role of inflammatory cytokines and p53 –fibronolytic systems in smokers with or without COPD	Dr. Yashodhar P Bhandary Assistant Professor, YRC	2016-18	Rs. 2,00,000 Rs. 2,00,000
3.	Novel functionalized scaffolds for enhancing the regenerative potential of dental pulp stem cells for tissue	Dr. Sudheer Shenoy P. Asst. Professor/Senior Scientific Officer Yenepoya Research Centre	2015-18	Rs. 2,00,000

	engineering			
4.	Age determination from epiphyseal union at knee joint- A radiological study	Dr. Vina Vasvani Dept. of Forensic Medicine	2014-17	Rs. 29,000
5.	Studies on three dimensional finite element method as a tool to improve efficacy of lingual orthodontic techniques	Dr. Rohan Mascarenhas, Professor, Dept. of Orthodontics	2014-17	Rs. 75,000
6.	Efficacy of probiotics in preventing extrinsic stains produced by chromogenic bacteria	Dr. Sruthy Prathap Senior Lecturer Dept. of Periodontics, YDC	2013-15	Rs. 30,000
7.	Maxillofacial orthopaedic appliance (MAX GYM) - A clinical evaluation	Dr. Akhter Husain Professor Dept. of Orthodontics YDC	2012-15	Rs. 1,95,000 Rs. 1,59,960
8.	Phenotypic and genotypic characterization of virulence factors and antibiotic resistance in extra-intestinal pathogenic <i>e.coli</i> (<i>expec</i>),	Dr. Rouchelle Tellis, Dept. of Microbiology, Yenepoya Medical College	2012-15	1,37,000
9.	Evaluation of serum biochemical markers of psoriasis as a metabolic syndrome	Dr. Manjunath Shenoy Dept of Dermatology YMC	2013-16	Rs. 1,97,500

10.	A p[rospective study on virulence and drug resistance in Candida in tertiary care hospital with a special reference to Candida albicans	Dr. Radha Y Aras, Dept. Of Community Medicine	2013-15	Rs. 30,000
11.	A comparative study of the level of HbA1c in normal and diabetic patients of rural population of South India – A pilot study	Dr. R. N. Sujeer, Director Directorate of Rural Health Care & Development	2014-17	Rs. 1,77, 500
12.	Triglyceride levels in the blood as a risk factor for hypertension in the general population of Ullal Town Municipal Council in D.K. District	Dr. R. N. Sujeer, Director Directorate of Rural Health Care & Development	2014-17	Rs. 1,48,000
13.	Assessment of risk for type 2 Diabetes Mellitus among under graduate students using Indian Diabetic Risk Score (IDRS) and its correlation to Fasting Plasma Glucose, Fasting Lipid Profile and Blood pressure	Dr. Poonam R. Naik , Dept. of Community Medicine	2014-17	Rs. 79, 500
14.	A study of urinary stones in Dakshina Kannada and North Kerala: An analysis of risk factors , metabolic evaluation, prevention	Dr. Mujeeburahiman, Associate Professor, Dept. of Urology		Rs. 1,20,000

15.	A prospective study on virulence and drug resistance in Candida in a tertiary care hospital with a special reference to Candida albicans	Mrs. Faseela T.S., Tutor, Dept. of Microbiology		
16.	Qualitative study to explore infant feeding practices in a rural and urban field practice area of a medical college of Dakshina Kannada district, Karnataka	Dr. Abhay Subhashrao Nirgude, Professor and Head, Dept. of Community Medicine	2015-16	2,00,000
17.	Evaluation of serum biochemical markers of psoriasis as a metabolic syndrome	Dr. Manjunath Shenoy Dept of Dermatology YMC	2013-15	Rs. 1,97,500