

Achievements

Dept. of BIOCHEMISTRY

1.Patient care

Department of Biochemistry have fully functional 3 autoanalysers dealing with a sample load of 4,02,169 per year. Department student lab have fully automated electrophoresis machine with a test load of 150 per year and this machine also used for practical classes of first year students.

2. Research Publications, Department of Biochemistry, GMC, Manjeri

Dr.Shibu TS, Professor and HOD

1. Biochemical profile in diabetic foot ulcer patients-A descriptive study from Kerala
2. Frequency of CYP2C19*2 allele in patients with acute coronary syndrome: A cross sectional study from central Kerala, India
3. Reference interval for thyroid stimulating hormone estimated by indirect method from adults attending a tertiary care centre in Kerala
4. Serum homocysteine as a risk factor in ischemic stroke-A cross sectional observational study in a tertiary care teaching hospital in northern Kerala.
5. Reference interval of Thyroxine and Thyroid stimulating hormone in cord blood in Tertiary Care Hospital, Kerala

Dr.RejithaRamachandran , Asst Professor

1. Microalbuminuria in critically ill patients: a prognostic perspective from a tertiary care facility in Kerala.
2. Thyroid dysfunction and its influence on serum lipid profiles: a cross-sectional study in North Kerala.
3. Analyzing the functional and structural impact of single nucleotide polymorphisms in matrix metalloproteinase 3 gene : An insilico approach

Dr V Sindhu Priya K Asst Professor

1. Assessing cognitive impairment in type 2 diabetes mellitus : A comparative observational analysis

Ongoing Research Projects

1. Assessment of analytical performance in clinical biochemistry laboratory at a tertiary care centre: a sigma metrics approach - **Dr. Rejitha Ramachandran , Asst Professor**
2. A cross-sectional study on stress and fear of failure among medical undergraduates at tertiary institution in north Kerala. **Dr V Sindhu Priya K Asst. Professor, Dr Sunu CP. Asst. Professor, Dr. Sibiya Odayappurath Asst. Professor**
3. PNPLA3 and TM6SF2 polymorphisms in NAFLD: A cross-sectional study at a south Indian tertiary care centre **Dr V Sindhu Priya K Asst. Professor, Dr. Sibiya Odayappurath Asst. Professor Dr Sunu CP. Asst. Professor.**