

Spatial distribution of Uranium and associated water quality parameters in five central districts of Kerala

Spatial distribution of Uranium and associated water quality parameters in five central districts of Kerala is a combined project conducted by Mahatma Gandhi University and Board of Research in Nuclear Sciences (BRNS) Mumbai. It's the part of national uranium project (Idukki, Kottayam, Ernakulam, Thrissur and Palakkad) (No. 36(4)/14/16/2014-BRNS/1172-1). The aim of this project is to understand the uranium distribution in different part of Kerala. The principle investigator of the project is Dr. C. T Aravindakumar .The period of the project was from July 2014 to December 2017 which includes two samplings per year. Each year, we collected approximately 1200 water samples from five district in Central Kerala and were analysed with Flourimeter. Uranium slightly present in different part of the these five districts . Pre and post monsoon samples were collected.



Figure.1: Uranium Analysis Using Flourimeter