

# School of Environmental Science Mahatma Gandhi University, Kottayam

## Post for Research Assistant (1)

Applications are invited for the following temporary position (8 months) to work in a ongoing research project entitled “*Identification and Quantification of Pharmaceuticals and Personal Care Products (PPCPs) in water and sediments in Vembanad Lake*” sanctioned by the KSCSTE (Govt. of Kerala), Thiruvananthapuram. The details of the position are-

### **1. Research Assistant**

Number of positions: 1

Total Duration: 8 Months

Fellowship amount: Rs. 19,000 per month Basic

Qualification: M.Sc. Chemistry/Environmental Science

**Details of the Project:** The presence of pharmaceuticals and personal care products (PPCPs) which are classified under *emerging pollutants*, in surface water is a growing concern and their identification in water bodies is, thus, an area of tremendous importance. The proposed work is to develop a new analytical strategy for the simultaneous qualitative and quantitative screening of PPCPs in water and sediment of different parts of Vembanad Lake using mass spectrometry (LC-Q-TOF-MS and GC-MS). Both target analysis and non-target analysis will be carried out to identify maximum number of PPCPs. The identity of the PPCPs will be confirmed by using the fragmentation pattern (in the high resolution mass) and using standards.

**Interested candidates may send their CV to [cic@mgu.ac.in](mailto:cic@mgu.ac.in) on or before March 23, 2021. Only the shortlisted candidates (based on their experience and qualification) will be called for a subject interview (online). All the correspondences will be through e-mailx.**

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