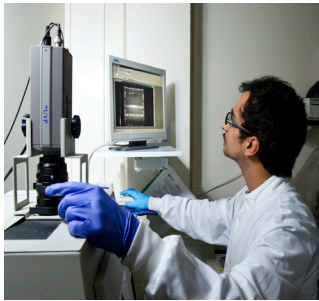


Portable Molecular diagnostics for on-site microbial water quality monitoring

13 - 16 September 2021 (4 days training)

Drummond Building, 2.24 PC & Houston Lab



This course introduces you to the theory and practice of using a portable qPCR machine and the MinION device of Oxford Nanopore Technologies for comprehensive microbial water quality analysis through molecular marker gene quantification and next generation sequencing.

Who is the course aimed at?

Consultants, Environmental Officers, Water and Wastewater Engineers, Academics, Environment Agency and Water Utility staff.

The portable tools are broadly relevant to those working in the water sector, food industries, agriculture, health services and beyond.

Course Fee: £ 400

Registration Deadline: 31st August, 2021

To book your place contact: cpd.sage@newcastle.ac.uk

Presented by:

Dr Kishor Acharya and Prof David Werner, Newcastle University

"Portable next generation sequencing and qPCR devices can revolutionize our ability to describe and manage biotechnological processes and microbial hazards anywhere in the world, including in the water, food and drinks industries, the health services, agriculture and beyond."

This event is supported by UK Research and Innovation, via the Engineering and Physical Sciences Research Council (EPSRC) and will be delivered by the partners Newcastle University and the Institute of Water.