

### Resource Persons

Dr. Mahesh Mohan (Environmental monitoring basics- sampling protocol; Environmental analysis; Onboard sampling at Vembanad lake)

Dr. A.A. Mohamed Hatha (Microbial Pollution monitoring)

Dr. Baiju K.R. (Environment monitoring for disaster risk assessment)

Dr. Arun Babu (Water Quality Monitoring)

Dr. Rakesh P.S. (Sample Collection- Marine Environment)

Dr. Arun Sasi S. (Environment monitoring & Legislation for developmental projects)

Dr. Shylesh Chandran M.S. (Sediment monitoring)

Dr. Shijo Joseph (RS & GIS for Environmental monitoring)

Dr. K. K. Jayasooran (Risk assessment)

Dr. Anitha K. (Monitoring of Biodiversity)

Dr. Kannan V.M. (Lab training)

Dr. Joshy George (Emission monitoring & Instrumentation Analysis)



### FEE AND REGISTRATION

Category of delegates	Registration fee
Post graduate students	500
Research scholars	1500
Teachers/Government officials/Public	3000
Industry	5000

Convener: Dr. Baiju K. R.      Coordinator: Dr. Mahesh Mohan  
Director, SES                      emat3626@gmail.com  
Mob: +91 9447871596

Last Date for registration: March 15, 2023

Register Now - <https://forms.gle/Hy4zqogg4TapesVo7>

Accommodation will be provided on request  
(participants have to bear the cost)

### Account details

Account name : Co-ordinator, EMAT 2023      Account no. : 41710423672

Bank : SBI, MG University campus branch

IFSC : SBIN0070669

### Introduction

Environmental monitoring is essential to all developmental projects and ongoing ecological assessments. Various techniques are involved in environmental monitoring, from sampling, and analysis to interpretation. However, students and other academicians have limited opportunities to understand and gain experience in these various environmental monitoring techniques. Hence, the program will allow students and academicians to explore the expertise and laboratory facilities/techniques at the School of Environmental Science, Mahatma Gandhi University, for environmental monitoring. Also the participants will get onboard training for sample collection and processing in large aquatic ecosystems.

### Participants - The targeted participants included:

- Post graduate students in Environmental Science/Geology/ Disaster Management
- Research scholars
- Teachers in colleges and universities
- Government officials
- Stake holders



### INTAKE :

The participation will be limited to a maximum of 50 participants (on a first-come, first-serve basis)

### Topics cover

Environmental analysis – sampling, sample treatment for organic and inorganic pollutants, instrumental methods and interpretation, Pollution monitoring parameters, Onfield sampling of water and sediment in Vembanad Lake, Water quality monitoring, Ambient Air quality Monitoring, Soil/sediment sampling and monitoring, Environment Analysis, -Soil Analysis, Metal analysis, monitoring of emerging contaminants, Standards, Emission monitoring, Instrumental methods



SCHOOL OF ENVIRONMENTAL SCIENCES  
M.G UNIVERSITY, KOTTAYAM



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## State Level Training Program on Environmental Monitoring and Assessment Techniques (EMAT)

March 17 - 21, 2023

Organised by  
SCHOOL OF ENVIRONMENTAL SCIENCES  
MAHATMA GANDHI UNIVERSITY  
KOTTAYAM, KERALA

In association with  
Directorate of Environment  
and Climate Change (DoECC)  
Government of Kerala

