

# Dr. Ushakumary E.R.

## Associate Professor



### **Contact Details**

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### **Professional Qualifications**

|        |                      |                           |
|--------|----------------------|---------------------------|
| B-Tech | Specialization       | Chemical Engineering      |
|        | Institute/University | Calicut University        |
|        | Year                 | 1992                      |
| M-Tech | Specialization       | Chemical Engineering      |
|        | Institute/University | IIT Chennai               |
|        | Year                 | 2004                      |
| PhD    | Specialization       | Environmental Engineering |
|        | Institute/University | CUSAT                     |
|        | Year                 | 2014                      |

## **Areas of Interest**

Adsorption, Waste water Treatment, Food and preservatives

## **Professional Experience**

- 2 years industrial experience
- 15 years teaching experience

## **Responsibilities\Position**

- Hostel Warden
- M.Tech staff advisor and co ordinator

## **Publications**

- Ushakumary.E.R,Madhu.G (2014) “Removal of Cadmium, Chromium , Copper, Lead and Zinc ions by Alisma Plantago Aquatica” *International Journal of Environment and Waste Management*,Vol.13,No.1,PP. 75 – 89.
- Narayanan C. Viswanath, P. G. Dileep Kumar , K. K. Ammad , E. R. Usha Kumary (2015) ‘Ground Water Quality and Multivariate Statistical Methods ‘ *Springer International Journal of Environmental processes* pp.347-360
- Rangabhashiyam, S., Selvaraju, N., Raj Mohan, B., Muhammed Anzil, P., Amith, K., and Ushakumary, E.R (2015). "Hydrous Cerium Oxide Nanoparticles Impregnated Enteromorpha sp. for the Removal of Hexavalent Chromium from Aqueous Solutions” *Journal of Environmental Engineering ASCE C4015016-1 to 9*

## **Achievements/Awards**

### **Project/Consultancy**

- **Three CERD projects completed**
- Current project is one TEQIP R &D project named **“Detection of pesticides in fresh vegetables and fruits samples using Gas Chromatography - Mass Spectrometry”**