

**Dr. JISHA. T.S**

E-mail: jishanidheesh@gmail.com  
Phone: 9497804573(M)

**CONTACT ADDRESS**

Musaliyath Kaliyil (H)  
Chethallur (p.o)  
Mannarkkad, Palakkad  
Kerala.India.

**OBJECTIVE**

To go ahead with unrivalled enthusiasm so as to face the challenge of changing time and situation and utilize the outcome for the benefit of the self as well as the organization.

**EDUCATIONAL DETAILS**

<b>COURSE NAME</b>	<b>BOARD/ UNIVERSITY</b>	<b>SUBJECT</b>	<b>MARKS (%)</b>	<b>CLASS OBTAINED</b>	<b>YEAR</b>
BEEd	Tamilnadu Teacher Education University	Physical Science	Passed, Certificate waiting		2024
Ph D	Kannur University	Chemistry	Completed		2018
M.Sc Chemistry	Avinashilingam University	Chemistry	83.5	1 <sup>st</sup> Class with Distinction	2007
B.Sc Chemistry	University of Calicut	Chemistry (Main) Mathematics & Physics (sub)	76.5	1 <sup>st</sup> Class	2005
Plus Two	Board of Higher Secondary Examination Kerala	Science	70.8	1 <sup>st</sup> Class	2002
S.S.L.C	Board of Public Examinations Kerala	General	86	1 <sup>st</sup> Class with Distinction	2000

## **COMPUTER SKILLS**

Operating System : MS-DOS, Windows XX

Packages : MS Office, DTP & Internet, Aqua-chem, SYSTAT software

## **PREVIOUS ACHIEVEMENTS**

- Worked as Junior Project Fellow (4 years) in Centre for Water Resource Development and management (CWRDM), Calicut, Kerala.
- Actively participated in the publication of the report entitled “Environmental Monitoring Programme on Water quality” by KSCSTE.
- Worked as Assistant Professor, in Department of Chemistry, Aryanet Institute of Technology, Mundur, Palakkad for six years.
- Worked as Assistant Professor in Department of Chemistry, SNDPYSS college, Cherukara, Palakkad for four years.
- Worked as Assistant Professor in Department of Chemistry, MSTM College, Poopalam, Perinthalmanna, Malappuram for two years.

## **EXPERIENCES AND SKILLS ACQUIRED**

- Good Experience in operation of UV/VISIBLE spectrophotometer, Flame photometer, Gas liquid chromatography, Atomic Absorption Spectrophotometer, Fluoride meter, Ion meter, Nephelo turbidity meter etc.
- Good Experience in operation of Kjeldal apparatus for Estimation of Nitrogen
- Experimental skill in plant extraction and analysis.

- Experimental skill in water sampling and analyses involving physico-chemical and bacteriological analysis
- Experimental skill in sediment sampling and analysis.
- Experimental skills in handling many lab instruments like Low temperature bath instrument, low-pressure vacuum pumps etc
- Basic knowledge in handling the lab tools of macro and micro-order measurements
- Basic knowledge of computers, in searching journals online,
- Underwent one month “On the job training” in FACT, Cochin.

### **SEMINARS AND WORKSHOPS ATTENDED**

- National seminar on “Recent trends in chemistry” conducted by Govt.Victoria college, Palakkad in 2005.
- National seminar on “Modern trends in chemistry” held at Avinashilingam university for women, Coimbatore.
- Workshop on “Technologic Options for a Greener Environment” conducted by Mount Zion college of engineering, Trichy in 2007
- One day workshop at Malabar Christian college, Calicut in 2008.
- Paper presentation on a title entitled “Water quality assessment of Kadalundy-Tirur river basin” in 18<sup>th</sup> Swadeshi Science Congress conducted by KSCSTE, Poojappura, Trivandrum.
- Paper presentation on a title entitled “Application of Hydrogeochemical Techniques for the evolution of seawater-intrusion in the Groundwaters of Kadalundy River basin” conducted by KSCSTE at Kannur
- Paper presentation on the title entitled “Distribution of trace metal contaminants in the sediments of an urban wetland in Calicut, India” in Young Environmental Research Conference conducted by KSCSTE at CWRDM, Calicut in 2010.
- National seminar on “Frontier Areas in chemistry” held at KEVYEM MES, Valancheri, Malappuram in 2015.
- Three-day symposium on “Festival of learning” conducted at Aryanet institute of technology on 27, 28 & 29/July 2015.

- One day workshop on “Consultancy and Laboratory Testing” at NSS Engineering college on 12/8/2015.
- Two-day National seminar on “CHEMISTRY: PAST, PRESENT AND FUTURE” held at SNGS college, Pattambi on 5/8/ 2019.
- One day seminar on “Nanotechnology and Phytochemistry: Exploring the interface of Science and Nature” at Govt Arts and Science College on 7/12/2023.
- Two-day National seminar on “Innovations in Chemical Research” held at Majlis Arts and Science college, Valancheri on 24/8/ 2024 & 25/8/ 2024.

## **PUBLICATIONS**

1. A research work on the title entitled “Distribution of trace metal contaminants in the sediments of an urban wetland in Calicut, India” has been published in “international journal of Environment Science and technology”, vol. 2(5), 2010, 840-850
2. A research work on the title entitled “Assessment of seasonal and spatial variations in the water quality of a tropical urban wetland in Kerala, India” has been published in JETIR, Volume 11, 2024, 842-849
3. A research work on the title entitled “Investigation on the hydro chemical characteristics of ground water system of Kadalundi river basin, Kerala, India” has been published in International Scientific Journal of Engineering and Management, Volume: 03, 2024, 1-9.
4. A research work on the title entitled “Assessment of seasonal and spatial variations in the water quality of a tropical urban wetland in Kerala, India” has been published in JETIR, Volume 11, 2024, 842-849.
5. A research work on the title entitled “Assessment of Surface and Ground Water Quality for Irrigation Purposes of a Subtropical Wetland in South West Coast of India” has been published in International Journal of Science and Research (IJSR), Volume 13, 2024, 315 -321.

## PERSONAL DETAILS

Date of Birth : 11-02-1985  
Sex : Female  
Marital Status : Married  
Nationality : Indian  
Father's Name : T.Subramanian  
Permanent Address : Musaliyath Kaliyil (H)  
Chethallur (p.o)  
Mannarkkad, Palakkad  
Kerala.India.  
Languages Known : Malayalam (Mother Tongue),  
English, & Hindi  
Hobbies : Reading, Sports & Music

## REFERENCES

➤ **Dr P S Harikumar,**

Scientist & In Charge  
Central Water Analysis Laboratory (CWAL)  
Centre for Water Resources Development and Management  
Calicut.  
E- mail: [drhari@yahoo.co.in](mailto:drhari@yahoo.co.in)

➤ **Prof. Joseph Chako**

Head of the P.G. Department of Chemistry,  
Govt.Victoria college, Palakkad.