nisma rahman

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| --- | --- |
| Phone: 8078507885  [Nizmarahman98@gmail.com](mailto:Nizmarahman98@gmail.com)  To Work in an Organization which provide me with an opportunity for an advancement as a person and as a professional ,in turn I ensure that whatever I do I will do it with sincerity and in best possible ,effective and ethical manner | kochi |

# Education

**MSc** Postgraduate in chemistry

College Name: Sree Sankara Vidyapeetom 2020-2022

University Name: Mahatma Gandhi university

SGPA:4.23

**BSc** Graduate in chemistry 2017-2020

College Name: Marthoma College For Women

University Name: Mahatma Gandhi university

CCPA:6.93

**HSS** Govt.boys Hss school

Percentage:87 2015-2017

**SSLC** Christava Mahilalayam Hss school

Percentage:98 2015

# experience

Trainee at ISO 17205 certified Laboratory-Biogenic Lab (NABL Accredited food and Water Testing Laboratory ISO /IEC 17025:2017) Nettoor,ErnakulamList

* Experience in Water and Food Analysis
* Handled Analytical Instrumens
* Conducted Both Quantitative and Qualitative Analysis
* Complied and Analysed Test Results

# INSTRUMENTAL COMPETENCE

Instruments Handled

* HPLC-Perkin Elmer 200 Series
* Atomic Absorption Spectrophotometer (AAS)-AA 7000 SHIMADZU
* UV-Visible Spectrophotometer -1800 SHIMADZU UV Probe.
* Protien Analyser
* Soxhelet Extractor and Dean-Stark Apparatus.
* PH Meter, Conductivity Meter,Turbidity Meter
* Polarimeter,Potentiometer,Conductometer

# CHEMICAL TEST AND ANALYSIS

**WATER ANALYSIS**

* Analysis of Ph, Conductivity And Turbidity of Water sample
* Determination of Alkalinity ,chloride ion concentration and Hardness of water Using Titrimetric Methods.
* Instrumental Analysis for the determination of sulphate,Flouride,copper and Zinc in Water Samples.

# FOOD ANALYSIS

* Determination of Curminoid content of Turmeric.
* Nutritional Analysis.
* Estimation of Sodium and Iron in food samples using Atomic Absorption Spectrophotometer.
* Estimation of Added Preservatives in food samplesand Estimation of Histamine content in Fish using HPLC.

# RESEARCH EXPERIENCE

**Synthesis of pure and metal doped cerium oxide nano particles.**

Pure and doped nanoceria have been prepared using hydrothermal method

Zinc doped cerium oxide nanoparticles have improved antioxidant and anti bacterial activity

**Estimation of lactose content from different samples of milk.**

According to analysis ,buffalo milk is the most lactose-rich milk ,which is good for developing infant.

# declaration

I Hereby declare that all the above information are true to the best of my knowledge and belief.

Place:Ernakulam

Date:18/12/2022

Sincerely

Nisma Rahman