



GENERAL REQUEST FORMAT FOR PROGRAMS and EVENTS


Date: 20.03.2023

From,

Head of the department
P.G. Department of Microbiology

To,

The Principal
GEMS Arts and Science College,
Ramapuram, Malappuram, 679321

| Sl No | Name of Department | Name of the Program | Date | Time | |
|---|---------------------------------|---|------------|---------|---------|
| | | | | From | To |
| | P.G. Department of Microbiology | World water day - Water quality assessment Program. | 22.03.2023 | 1:30 PM | 3:30 PM |
| Venue: Microbiology Laboratory | | | | | |
| Resource person (if any): | | | | | |
| Associating Clubs/Departments (if any): | | | | | |
| Sanctioning Details: | | | | | |
| <input checked="" type="checkbox"/> Approved | | <input type="checkbox"/> Not Approved | | | |
| Dr. NAVIEN MOHAN PRINCIPAL GEMS ARTS AND SCIENCE COLLEGE KADUNGAPURAM (PO), RAMAPURAM MALAPPURAM DT., KERALA - 679 321 | |  Signature Head of the Department Department of Microbiology GEMS Arts & Science College Ramapuram, Kadungapuram Post Malappuram (Dt.) - 679 321 Seal | | | |
| Note: 1. Brochure shall be displayed/circulated in the college notice board. 2. Program Report shall be submitted within 5 days. | | | | | |

Circular No: MB/22-23/006

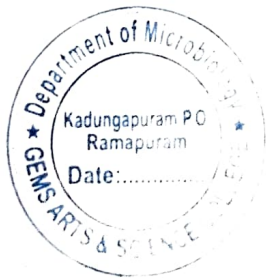
Date: 21.03.2023

CIRCULAR

This is to inform you all that the PG Department of Microbiology in Association with IQAC is organizing the following programmes on behalf of **World Water Day** on 22.03.2023. All are invited to the programme.

Programme Schedule:-

- **'Thanneerkkudam'** – A Bowl of water for the Winged - at 10 am, Venue: College Campus
- **Water Quality Assessment Programme** – at 1.30 pm, Venue: Microbiology Laboratory



Head of the Department
Department of Microbiology
GEMS Arts & Science College
Ramapuram, Kadungapuram Post
Malappuram (Dt.) - 679 321

World Water Day
22nd March
2023



PG Dept of Microbiology
GEMS ARTS & SCIENCE
COLLEGE

IN ASSOCIATION WITH IQAC


Accelerating change to solve the water and sanitation crisis.

10.00AM:
"Thanneerkudam"-
A Bowl of Water for the Winged

01.30PM:
Water Quality Assessment Program

Radhika R krishna 

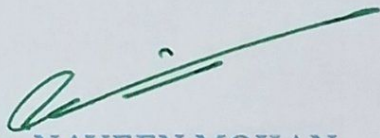
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PROGRAM REPORT
WATER QUALITY ASSESSMENT PROGRAM
22.03.2023

The PG Department of Microbiology, in association with the IQAC, organized a water quality assessment program. Samples were collected from students, teachers, and households in each panchayat. The program focused on assessing the quality of water sources and raising awareness about the importance of clean and safe water. The collected samples would be analyzed to evaluate water quality parameters and identify any potential issues. The water quality assessment program aimed to evaluate the quality of water sources and promote the significance of clean and safe water. These initiatives showcased the commitment of the department and participants toward solving the global water and sanitation crisis. A total of 16 participants were present.




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Photographs

Water quality assessment 22 /03/2023



Water quality assessment 22 /03/2023






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| PARTICIPANT LIST | | |
|---|----------------------|------------------|
| EVENT: WATER QUALITY ASSESEMENT PROGRAM | | |
| VENUE: Microbiology Lab | | DATE: 22/03/2023 |
| SI No: | Name | Signature |
| 1 | Nufoila K | |
| 2 | Mubasheera M | |
| 3 | Thasfiya C | |
| 4 | Raseeqa | |
| 5 | Fathima Nisitha MP | |
| 6 | Fathima Inas AP | |
| 7 | Neha Najmat P | |
| 8 | Rinsha P | |
| 9 | Ummu Haniyya | |
| 10. | Anasiya T | |
| 11. | Raseena Mohammed Ali | |
| 12. | Dysha | |
| 13. | SHAMNA JABEEN-P | |
| 14. | ASLAMA PARVEEN NK | |
| 15. | ALFIYA | |
| 16. | SARI KRISHNA | |
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INTERNAL QUALITY ASSURANCE CELL[IQAC] Gems Arts & Science College
Radhika R Krishna
 Head of the Department
 Department of Microbiology
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 Ramapuram, Kadungapuram Post

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 PG DEPARTMENT OF MICROBIOLOGY
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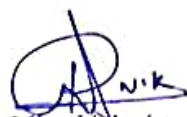
WATER ANALYSIS RESULT

Report No: GEMS/WQA/MBG/2022-2023/0001 Date: 24/03/2023

| | | |
|---|-------------------------|--------------------------|
| Customer Name and address MUSTHAFA EDATHADATHIL HOUSE KADUNGAPURAM PIN:679321 | Date of sample received | 22/03/2023 |
| | Sampling Done By | CUSTOMER |
| | Sample Code | WQA/MBG/2022-2023/0001 |
| | Source of sample | PUBLIC WATER SUPPLY |
| | Sample Quantity | 1000ML |
| | Test Performed Dates | 22/03/2023 TO 24/03/2023 |

| Sl. No | Characteristics | Unit | Range | Result |
|--------|------------------------|------------|------------|----------|
| 1. | pH | - | 6.5 - 8.5 | 7 |
| 2. | Total Alkalinity | mg/l | 10 - 300 | 30mg/l |
| 3. | Total Hardness | mg/l | 25 - 300 | 50mg/l |
| 4. | Chloride | mg/l | 10 - 300 | 60mg/l |
| 5. | Nitrate | mg/l | 0.0 - 80.0 | 10mg/l |
| 6. | Fluoride | mg/l | 0.0 - 5.0 | 0.0mg/l |
| 7. | Iron | mg/l | 0.0 - 5.0 | 0.3mg/l |
| 8. | Residual Free Chlorine | mg/l | 0.0 - 3.0 | 0.2mg/l |
| 9. | Ammonia | mg/l | 0.0 - 1.0 | 0.0mg/l |
| 10. | Turbidity | NTU | 0.0 - 80 | 0 NTU |
| 11. | Bacteriological Test | MPN/100 ml | 0/100ml | 6/100 ml |


Remarks: The given water sample can be used for drinking purpose only after any of the water purification procedures like boiling, Filtration and UV treatment.


 Microbiologist

RESNA N.K


 Head of the Department

Radhika R. Krishna
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 Principal

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