

University College Mangalore
Department of Microbiology

Water Testing Extension Service

The Department of Microbiology of University College Mangalore has started water testing facility as extension service to the general public of Mangalore and other taluks of DK District of Karnataka. This service was extended to public in April 2015. Dr Bharathi Prakash, has been heading the department as the Coordinator of Water Testing Service in the college. The water testing, generally, includes physical, chemical and Microbiological tests. Over the years, the Water Testing Department is getting a very good response from the people of Mangalore.

For testing purpose, water samples are collected from home, apartments, industry, schools, colleges and also collected for scientific projects. The majority of the water samples are from wells and borewells. The testing department has a very dedicated Lab Technicians for water testing service work comprise of Mrs Kalavathi and Ms Rakshitha. All charges for water testing are very reasonable and the collected amount is deposited in the designated Mangalore University Fund through Challan. Till Nov 2023 total revenue of Rs. **6,66,288/-** has been generated. The details of revenue generation has been highlighted in the following paragraphs:


Water Testing Done IN
Microbiology Department

1. Physical Test: Colour, Odour, Taste
2. Microbiological Test: MPN Method
(Faecal Coliform/Total Coliform)

a.) Presumptive Test
b.) Confirmatory Test
c.) Completed Test

3. Chemical test

a.) pH
b.) Total Hardness
c.) Fluoride
d.) Chloride
e.) Iron
f.) Nitrate



MANGALURU CITY CORPORATION
Lalbhag, Mangaluru-575003

FALICITATION LETTER

In this summer of 2016, Mangalore city faced severe water shortage. Hence City Corporation had to depend on alternative water sources in Mangalore. In this context, when we approached **Dr. Udaykumar. M.A., Principal** of University College, Hampanakatta, Mangalore, who readily agreed to do the water testing, free of cost on our request.

Also **Dr. Bharathi Prakash**, Head of Microbiology department and coordinator of water testing service, facilitated us in all the way for our water samples on a urgent basis. Lab. Technicians **Mrz. Kalavathi** and **Ms. Shwetha** were instrumental to provide the reports on time.

We, from Mangalore City Corporation acknowledge the water testing service and timely help rendered by the Principal of the college and staff of Microbiology department.


Dr. H.N. Gopālakrishna
Commissioner
City Corporation
Mangaluru

Place: Mangaluru
Date: 06-06-2016

Consultancy of Water Testing Service

Water testing service is provided by Microbiology Department for local residents, Food industries and academic institutes and for project work using well water, borewell and any source of drinking water for the following tests.

Physical test -Turbidity and Colour

Chemical test – Total Hardness, pH, Fluoride, Chloride, Iron Nitrate

Microbiological tests for Faecal Coliforms.

Revenue generated by Water Testing conducted at the Microbiology Dept.

Year	No. of sample	Total Amount
2015 Apr-2016 Mar	80	32,000/-
2016-2017	309	1,23,600/-
2017-2018	164	65,600/-
2018-2019	131	52400/-
2019-2020	263	1,05,200
2020-2021	114	45,600
2021-2022	129	60,168
2022-2023	165	77,880
2023 -2024 (till Nov 2023)	220	103840
Total	1,575	6,66,288/-
September 2022-August 2023	281 sample tested	1,32,632/-

University College, Mangalore
Department of Microbiology

Academic year wise statistics of water sample-2022-23

2022-23		
Month	No. of Samples	Amount
April	11	5,192
May	15	7,080
Jun	10	4,720
Jul	15	7080
Aug	7	3,304
Sep	18	8,496
Oct	6	2,832
Nov	10	4,720
Dec	19	8968
Jan	12	5664
Feb	19	8968
Mar	23	10,856
Total	165	77,880

❖ **The total cost of 165 water samples is 77,880/-**

University College, Mangalore
Department of Microbiology

Academic year wise statistics of water sample-2023-24

2023-24		
Month	No. of Samples	Amount
April	28	13,216
May	39	18,408
Jun	48	22,656
Jul	28	13,216
Aug	31	14,632
Sep	9	4,248
Oct	14	6,608
Nov	23	10,856
Total	(Till Nov 2023) 220	1,03,840

❖ **The total cost of 220 water samples is 1,03,840/-**

' WATER TESTING IS DONE HERE '
TIMINGS :
MONDAY TO FRIDAY - 9.30 AM TO 4.30 PM
NOTE : WATER MUST BE BROUGHT IN A STERILE BOTTLE
AVAILABLE AT OUR WATER TESTING CENTER



ಸೈನ್ಸ್ ಬ್ಲಾಕ್

- ಸ್ನಾತಕೋತ್ತರ ರಸಾಯನ ಶಾಸ್ತ್ರ ವಿಭಾಗ
- ರಸಾಯನ ಶಾಸ್ತ್ರ ವಿಭಾಗ ಮತ್ತು ಪ್ರಯೋಗಾಲಯಗಳು
- ಸೂಕ್ಷ್ಮಜೀವಿ ಜೀವಶಾಸ್ತ್ರ ವಿಭಾಗ ಮತ್ತು ಪ್ರಯೋಗಾಲಯ
- **ನೀರು ಪರಿಶೋಧನೆ ಕೇಂದ್ರ**
- ಸಸ್ಯಶಾಸ್ತ್ರ ವಿಭಾಗ ಮತ್ತು ಪ್ರಯೋಗಾಲಯ
- ಪ್ರಾಣಿಶಾಸ್ತ್ರ ವಿಭಾಗ ಮತ್ತು ಪ್ರಯೋಗಾಲಯ
- ಸಂಸ್ಕೃತ ವಿಭಾಗ
- ಭೂಗೋಳ ಶಾಸ್ತ್ರ ವಿಭಾಗ ಮತ್ತು ಪ್ರಯೋಗಾಲಯ

ತರಗತಿ ಕೊಠಡಿಗಳು: 62, 63, 68, 69 A, 69 B



Staff of Microbiology Dept.

Month wise details of Water Testing recorded in the Register

September - 2022						
Sl. No	Name & Place	Date	Challan No	Amount	Source of water	Result
1	Rajashukan Miti Kanthavara	21.09.22	46384	472/-	well water	Potable
2	St Georges Homoeopathy Padil, Mangalore	01.09.22	44297	2,360/-	1) R.O. water 2) R.O. water 3) Tap water 4) Tap water 5) R.O. water	Potable Potable Potable Potable Potable
3	St Georges Homoeopathy, Padil	1.9.22	44298	944/-	1) R.O. water 2) R.O. water	Potable Potable
4	Ajay Pai T. Panduhoara	7.9.22	44285	472	1) well water	Potable
5	Mangalore coal Terminal N.M.P.A	1.9.22	44296	944/-	1) Aquaguard 2) Aquaguard	Potable Potable
6	"	1.9.22	"	"	"	"
7	Kathish Kumar, n/ce	9.9.22	44206	472/-	Bore well	Potable
8	Rama Naik, Swathi	9.9.22	44289	472/-	well water	Potable
9	Mahesh Shetty, Thakki	9.9.22	44218	472/-	well	Potable
10	Fern owners, Aluvate	28.9.22	446386	1,888/-	filter water	Potable
11	"	28.9.22	"	"	"	"
12	Dr. Robin Shetty Mangalore	28.9.22	446385	472/-	well water	Potable
13	Mary Varghese	9.9.22	44300	472/-	Well water	Non-Potable
18 samples				Total amount	8,496/-	

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UNIVERSITY COLLEGE
Hampankatta, Mangalore - 575 001

October - 2022						
Sl. No	Name and place	Date	Challan No	Amount	Source of water	Result
1	Narasayana S Ashok Nagar	18-10-2022	46389	944 (2 samples)	well well water chemi	Potable Non-potable
2	Subraya Hegde Yayjadi	14-10-2022	44263	472	RO	Potable
3	K.S. Chako Kulshikara	6-10-2022	46387	944 (2 samples)	Bore well Bore well-chemi	Potable Potable
4	Vasua Alva Kolar	31-10-2022	46401	472	well	Potable
6 samples				received amount	RS 3,496/-	
November - 2022						
1	K. Susra Atike	2-11-2022	46402	472	Borewell	Potable
2	Rakesh D'Souza, Mangalore	8-11-2022	46403	472	well water	Potable
3	Shakambhari Apartment Bijji	14-11-2022	46404	944 (2 samples)	well water well water chemi	Non-Potable Potable
		19-11-2022	50565	472	well water	Potable
4	Jayarama Patil S Panjirangere	22-11-2022	50568	472	well water	Non-potable
5	Abbas Haji Kudhar	33-11-2022	50564	472	well water	Potable
6	M.C. Pai, Mangalore-3	23-11-2022	50569	472	well water	Potable
7	Shobana sibi Bijji	21-11-2022	50566	472	Bore well	Potable
8	Sethu Madhava Rao, Mangalore	24-11-2022	50570	472	well water	Potable
(10 samples received)				4,720		

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Hampankatta, Mangalore - 575 001

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Hampankatta, Mangalore - 575 001


Total amount received Rs 24,720/-

Sriyasa

DECEMBER - 2022

Sl. No	Name and Place	Date	Challan no	Amount	Source of water	Result
1.	creative Engineers Lalbagh	01.12.2022	50571	944/- 2 tests	Borewell water ① Micro Test ② Chemical Test	Potable Potable
2.	N. Donabhan Pai Uppinangady	5/12/22	50575	944/- 2 tests	Borewell water ① Micro Test ② Chemical Test	Potable Non-potable
3.	ECSON ACUNOVA near Attavar K.M.C.	7/12/22	50573	944/- 2 tests	Borewell water 2 samples	Potable
4.	Mohammad Azif Ravi cati Apartment, M'lore	7/12/22	50572	472/-	well water	
5.	K.V. Rao Pintalane, Bejai, Mangalore	5/12/22	50574	944/- (2 tests)	well water ① Micro ② Chemical Test	Potable Potable
6.	Rajesh Shenoy Sadhana Apts, Dorebail	8/12/22	5120	1888 (4 tests)	① Tap water - Potable ② well water - non-potable	
7.	Hemantkshi Mangalore	14/12/22	51201	472/-	well water	Potable
8.	Green wood Apartment Falni, Mangalore	17/12/22	51202	472/-	well water	Potable
9.	Durgaksha Apartment	20/12/22	51203	944/- 2 sample	① well water ② Borewell water	Potable Potable

Sriyasa

Sl. No	Name and Place	Date	Challan no	Amount	Source of water	Result
10.	Manjunatha L. Bhat Ashwini Nilaya, Adyar	22.12.22	51204	472/-	well water	Potable
11.	Ravindra K. Rao Adyar	23.12.22	51205	472/-	well water	Potable
				[19 Water Tests]		
				Total Amount Rs 8968/- for Dec Month 2022		
 Head of the Department of Microbiology UNIVERSITY COLLEGE Hampanakatte, Mangalore - 575 001						
January 2023						
Sl. No	Name and Place	Date	Challan no	Amount	Source of water	Result
1.	CORAL Apartment Emmekeri, Mangalore	03.01.2023	51206	472/-	well water	Potable
2.	Nagaraj P. Flat no 104, Nagar Mangalore	05.01.2023	51208	944/- (2 tests)	well water ① Micro ② Chemical	Potable Potable
3.	Nithinasky Palmestruk Bejai, Mangalore	05.01.2023	51209	1416/- (3 tests)	① well water ② Borewell ③ Tap water	Potable Potable Potable
4.	Rajatha, Patil, Mangalore	09.01.2023	51207	472/-	well water (chemical)	Potable
5.	Jagadeesh Kumar Kattikan Post	10.01.2023	51212	472/-	Borewell	Potable

Sl. NO.	Name & Place	Date	Challan No	Amount	Source of Water	Result
6	Sagar Bahari Pranetima Kafipal, Pattara	7/02/2023	51221	944/- (2 tests)	Borewell water	potable
7	Deepa Saliyan Sathyskara Residency Pandishwara	10/02/2023	51220	944/- (2 tests)	well water	potable
8	Yogish Blutt Jyothi Apt., Dargakere	13/02/2023	51224	944/- (2 tests)	well water	potable
9	Darshi Ashoknagara Dumbel Mangalore	19/02/2023	51226	472	well water	Non potable
10	R. Thimmappa Kattara	15/02/2023	51225	472/-	well water	potable
11	M.S. Hazidas Hoodkappa Road	13/02/2023	51222	472/-	well water	potable
12	Herbert Mendira Vulansa	15/02/2023	51228	472/-	Bore well water	potable
13	A.N. Gururajan Kattel, Kinnigali	23/02/2023	51227	472/-	Bore well water	potable
14	Mrs. Hirma Varikashy old Kot Bavel, Pandishwara Mangalore	24/02/2023	51229	472/- (19 water Tests)	well water	potable
				Total Amount: 8968		

[Signature]
28/2/23
Head of the Department of Microbiology

15	B. Sayyad Residency Kudrak, Mangalore	28/04/2023	51269	472/-	well water	Non potable
16	Aifa latesid Apt Sattanakker, Mangalore	27/04/2023	51265	944/-	Bore well	potable
17	Shalananam Apt Pvt Ltd.	27/04/2023	51247	472/-	well water	potable
18	Rajish Shetty Maliyathla, Colad, Mangalore	28/04/2023	51266	472/-		potable
19	Jindaprasatha Residential Apt. Dumbel construct Mangalore	29/04/2023	51270	944/- (28 water Test)	Tank water	potable
				Total Amount: 13216		
				<i>[Signature]</i>		
				Head of the Department of Microbiology UNIVERSITY COLLEGE Manipal, Mangalore - 575 001		
26/5/23	Parashuram Ghat water sample			6/100ml	Negative	
2	Gopinatheshwara Temple			4/100ml	Negative	
3	Harki Pond			6/100 ml	Negative	

Sl. No.	Name & Place	Date	Challan no.	Amount	Source of water	Result
1.	Dhanpal. A. Babu Compound Attavar, Mln	1/06/2023	51308	472/-	well water	Potable
2.	One-Seat court Apt. Kalpana, Mangalore	1/06/2023	51310	472/-	well water	Non potable.
3.	Anand Bistto near vijaya Bank Bldg main road, Mangalore	1/06/2023	51311	472/-	well water	potable
4.	Sandeep R. Nadumane main road Neelamra Kidupu	1/06/2023	51312	472/-	well water	Potable
5.	Rohanath Ranneer Mangalore	3/06/2023	51313	914/-	well water	Non potable
6.	Rafique, 1-54 Makara House, Talapady Hlere	9/06/2023	51314	472/-	well water	Potable
7.	S. M. Amusement and Lisara park Bld Vangar	6/06/2023	51316	472/-	well water B2u well B2u well	Non potable Potable Potable
8.	Arto Enclave owner Association, Parshikwar Mangalore	06/06/2023	51317	472/-	well water	Potable
9.	ATMA Shetty Anayya Bldg, Mangaluru	6/06/2023	51318	472/-	well water	Potable
10.	Anel Kumar, P. Rao Kamath, Hollaro chudra	7/06/2023	51319	472/-	well water	Non potable

Sl. No.	Name & Place	Date	Challan no.	Amount	Source of water	Result
11.	Hansha Rasthny Mallikattu, Kambra Kambra, Mln	12/06/2023	51320	472/-	well water	Potable
12.	ATMA Shetty Muzhaha, B. J. S Mln	7/06/2023	51321	472/-	well water (chemical)	Potable
13.	Dr. Robin Shetty Harakada Mln	7/06/2023	51322	472/-	well water	Potable
14.	Losa, A. S. Suda Steven Mendel, S. Madasa garden, Dandol	9/06/2023	51323	472/-	well water	Potable
15.	" " " "	9/06/2023	51324	472/-	B2u well	Potable
16.	Rizport P.U. college Kabalang road Kodikkal	9/06/2023	51325	914/-	Pranquard water (air)	Potable
17.	Muma. N. Mangalore	15/06/2023	51326	472/-	well water	Potable
18.	St. Georges Homagepts padil, Mangalore St. Georges Homagepts Nittankuzh, Rasal	15/06/2023	51327	2260/-	<ul style="list-style-type: none"> (1) R-o water (2) Tap water (3) Distilled water (4) R-o water (5) Tap water 	Potable

August 2023

Sl. No.	Name & Place	Date	Challan No.	Amount	Source of water	Result
1.	Somachakar 'Atharva' Doreeda Guddu Kutshikara.	6/08/2023	51361	472/-	Publicly Corporation (Purb)	Potable
2.	Puruthi Shetty Shetye Achoknagar Mangalore.	11/08/2023	51362	944/-	well water	Potable
3.	C.F.J. Ashok Bhoon Mangalore	2/08/2023	51363	1,888/-	① Filter water ② Mix (Normal water)	Potable Potable
4.	St. Aloysius Gonzaga School.	7/08/2023	51364	1888/-	① well water ② Bore well water	Potable Potable
5.	C.H. Ullal alta west flat No. 201, pandushikara Mangalore.	7/08/2023	51367	944/-	corporation water	Potable
6.	Florida Jennifer Almuda, Mangalore.	7/08/2023	51366	944/-	Bore well water	Potable
7.	Sudheg 'Sri Krishna prasad' Bilkanalaville Padava Mangalore 05	11/08/2023	51373	472/-	well water	Non potable
8.	Dr. Ramachandran Chel Dr. Suresh Complex Opp petrol Bunk, Bafji	22/08/2023	51374	944/-	well water	Potable