

EMEA COLLEGE OF ARTS AND SCIENCE, KONDOTTI
P G DEPARTMENT OF MICROBIOLOGY
WATER POTABILITY TEST CENTRE (WPTC)
MAJOR EXTENSION ACTIVITIES
MB EXN 01/ 2016 - 2017

The department of microbiology provides water testing facilities under its water potability centre since 2002 to ensure safe potable water supplies in the nearby places of the college. The spread of water borne diseases is a great concern in our country due to scarcity of safe drinking water resources to meet water demand. Water borne diseases become a great threat to public health and safety and hence it should be controlled at any cost.

Water samples are received from applicants in the prescribed format of the department and thereafter various laboratory tests were carried out to detect the presence of coliforms or fecal bacteria specifically fecal *Escherichia coli* in drinking water. The test is used to identify contamination of potable drinking water by sewage or any other route which can lead to water borne illness. Report of the analysis is provided free of cost to the applicants along with necessary suggestions for correcting the situation.

Name of the Activity	WATER POTABILITY TEST IN THE ADOPTED VILLAGE(KUMMNIPARAMBA)
Objectives	<ul style="list-style-type: none"> • Make an awareness on safety of drinking water to the people of adopted village • Make familiar with microbiological techniques • To introduce biological analysis of drinking water quality
Organizer	WPTC run by P G Department of Microbiology ,EMEA College of Arts And Science, Kondotti
Co-organizer	Pallikkal Grama Panchayath
Date or Period	2016-17
Location	Kummniparamba
No. of Students Participated	30
No. of Teachers Participated	4

Summary of sample analysis during 2016 -17

Number of samples collected	13
Number of samples of analysed	13
Samples found non potable	3
Number of Students participated in the program	30

List of Teachers


Sl. No	Name Of Teacher
1	Dr Shiji Thomas
2	Jisha P J
3	Duffaida K M
4	Yoonus Pariyarath

List of Students Participated in the Extension Activity

Sl. No.	Name	Class
1.	DOLY NASIYA	1 ST SEM MSc
2.	FEMINA	1 ST SEM MSc
3.	HIBA K	1 ST SEM MSc
4.	KEERTHI E R	1 ST SEM MSc
5.	MINHA BARAMY	1 ST SEM MSc
6.	MOHAMED YASAR	1 ST SEM MSc
7.	MURSHIDA	1 ST SEM MSc
8.	NAZRIN SULFIQUER	1 ST SEM MSc
9.	RUKSANA V	1 ST SEM MSc
10.	RUMAISHA BANU	1 ST SEM MSc
11.	SABHA KOTTAYIL	1 ST SEM MSc
12.	SHAMLA KK	1 ST SEM MSc
13.	SHIFANATH	1 ST SEM MSc
14.	AREEFA BEEGUM	5 TH SEM BSc
15.	NIHAL KURIKKAL MP	5 TH SEM BSc
16.	RASHIDAH C A	5 TH SEM BSc

17.	AMRUTHA TP	5 TH SEM BSc
18.	ASNA	3 RD SEM MSc
19.	ASWATHY	3 RD SEM MSc
20.	FADMI	3 RD SEM MSc
21.	FATHIMA NAJVA	3 RD SEM MSc
22.	KEERTHANA	3 RD SEM MSc
23.	LESNA FEBIN	3 RD SEM MSc
24.	RAMLATH	3 RD SEM MSc
25.	SAFVANA	3 RD SEM MSc
26.	SAHLA M	3 RD SEM MSc
27.	SAHLA YASMINA	3 RD SEM MSc
28.	SHABANA	3 RD SEM MSc
29.	SHAHEENA	3 RD SEM MSc
30.	SHAREENA	3 RD SEM MSc




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