

EMEA COLLEGE OF ARTS AND SCIENCE, KONDOTTI
P G DEPARTMENT OF MICROBIOLOGY
WATER POTABILITY TEST CENTRE (WPTC)
MAJOR EXTENSION ACTIVITIES
MB EXN 01/ 2015 - 2016

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	2015-16
Location	Kummniparamba
No. of Students Participated	26
No. of Teachers Participated	4

Summary of sample analysis during 2015 -16

Number of samples collected	10
Number of samples of analysed	10
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.	ASNA	1 ST SEM MSc
2.	ASWATHY	1 ST SEM MSc
3.	FADMI	1 ST SEM MSc
4.	FATHIMA NAJVA	1 ST SEM MSc
5.	KEERTHANA	1 ST SEM MSc
6.	LESNA FEBIN	1 ST SEM MSc
7.	RAMLATH	1 ST SEM MSc
8.	SAFVANA	1 ST SEM MSc
9.	SAHLA M	1 ST SEM MSc
10.	SAHLA YASMINA	1 ST SEM MSc
11.	SHABANA	1 ST SEM MSc
12.	SHAHEENA	1 ST SEM MSc
13.	SHAREENA	1 ST SEM MSc
14.	MUHSINA K	3 RD SEM MSc
15.	NAHALA THAHASIN M	3 RD SEM MSc
16.	SHAHANA RAZAK K	3 RD SEM MSc

17.	SHAKIRA KP	3 RD SEM MSc
18.	FOUNIYA K	3 RD SEM MSc
19.	RANEESHA	3 RD SEM MSc
20.	AJMA N	3 RD SEM MSc
21.	FATHIMA BASILA M	3 RD SEM MSc
22.	SHAMEEMA K	3 RD SEM MSc
23.	DILRUBA	5 TH SEM BSc
24.	FEMINA M	5 TH SEM BSc
25.	NAJIYA NASRIN	5 TH SEM BSc
26.	HIBA K	5 TH SEM BSc
27.	LATHEEFA CT	5 TH SEM BSc
28.	THASNI BANU P	5 TH SEM BSc
29.	JUSAILA KALANGODATHIL	5 TH SEM BSc
30.	RUMAISHA BANU E	5 TH SEM BSc




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