

EMEA COLLEGE OF ARTS AND SCIENCE, KONDOTTI
P G DEPARTMENT OF MICROBIOLOGY
WATER POTABILITY TEST CENTRE (WPTC)
MAJOR EXTENSION ACTIVITIES
MB EXN 01/ 2014 - 2015

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	2014-15
Location	Kummniparamba
No. of Students Participated	26
No. of Teachers Participated	4

Summary of sample analysis during 2014 -15

Number of samples collected	15
Number of samples of analysed	15
Samples found non potable	2
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.	Athira M	II PG Msc MB
2.	Fairoosa C K	II PG Msc MB
3.	Fasmiya Sulfath P P	II PG Msc MB
4.	Fathimath Shahara A K	II PG Msc MB
5.	Hasna K P	II PG Msc MB
6.	Muhammadali Jauhar	II PG Msc MB
7.	Muzammil T K	II PG Msc MB
8.	Rasheeda E V	II PG Msc MB
9.	Shahina K	II PG Msc MB
10.	Shilpa K	II PG Msc MB
11.	Sulfath P	II PG Msc MB
12.	Umaira M	II PG Msc MB
13.	Muhsina K	II PG Msc MB
14.	Nahala Thahasin M	II PG Msc MB
15.	Shahana Razak K	II PG Msc MB

16.	Shakira Kp	II PG Msc MB
17.	Founiya K	II PG Msc MB
18.	Raneesha	II PG Msc MB
19.	Ajma N	II PG Msc MB
20.	Fathima Basila M	II PG Msc MB
21.	Shameema K	II PG Msc MB
22.	Fathima Najava Pv	V PG Msc MB
23.	Jannath Shirin Mk	V PG Msc MB
24.	Ruksana	V PG Msc MB
25.	Raseena Beegum	V PG Msc MB
26.	Fathima Jusaila P	V PG Msc MB




 PRINCIPAL
 E M E A COLLEGE OF ARTS
 & SCIENCE, KONDOTTY
 MALAPPURAM DT. 673 638