

**EMEA COLLEGE OF ARTS AND SCIENCE, KONDOTTI**  
**P G DEPARTMENT OF MICROBIOLOGY**  
**WATER POTABILITY TEST CENTRE (WPTC)**  
**MAJOR EXTENSION ACTIVITIES**  
**MB EXN 03/ 2018 - 2019**

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	<b>WATER POTABILITY TEST IN THE ADOPTED VILLAGE(KUMMNIPARAMBA)</b>
Objectives	<ul style="list-style-type: none"> <li>• Make an awareness on safety of drinking water to the people of adopted village</li> <li>• Make familiar with microbiological techniques</li> <li>• To introduce biological analysis of drinking water quality</li> </ul>
Organizer	WPTC run by P G Department of Microbiology ,EMEA College of Arts And Science, Kondotti
Co-organizer	Pallikkal Grama Panchayath
Date or Period	2018-19

Location	Kummniparamba
No. of Students Participated	30
No. of Teachers Participated	4

### Summary of sample analysis during 2017 -18

Number of samples collected	16
Number of samples of analysed	16
Samples found non potable	4
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.	ASHILAH.K	1 <sup>ST</sup> SEM MSc
2.	ASWATHY K B	1 <sup>ST</sup> SEM MSc
3.	ATHULYA M	1 <sup>ST</sup> SEM MSc
4.	FATHIMA SHANA.P.K	1 <sup>ST</sup> SEM MSc
5.	FEMINA.K	1 <sup>ST</sup> SEM MSc
6.	HIBA THASNEEM M I	1 <sup>ST</sup> SEM MSc
7.	JUMAILA.K	1 <sup>ST</sup> SEM MSc
8.	NASREEN	1 <sup>ST</sup> SEM MSc
9.	NIHMATH.M	1 <sup>ST</sup> SEM MSc
10.	ANSILA A	5 <sup>TH</sup> SEM BSc

11.	MOHAMMED RABEEH M	5 <sup>TH</sup> SEM BSc
12.	SAFA E K	5 <sup>TH</sup> SEM BSc
13.	SHAHLA K	5 <sup>TH</sup> SEM BSc
14.	SEBITHA SHAHINA. K	1 <sup>ST</sup> SEM MSc
15.	SHABNAM.P	1 <sup>ST</sup> SEM MSc
16.	SUFAINA	1 <sup>ST</sup> SEM MSc
17.	ASHILAH.K	1 <sup>ST</sup> SEM MSc
18.	AREEFA BEEGUM.P.V	3 <sup>RD</sup> SEM MSc
19.	ARYA.P	3 <sup>RD</sup> SEM MSc
20.	BINSHA MARIYAM. M	3 <sup>RD</sup> SEM MSc
21.	MARWEENA HARSHANA. T. P	3 <sup>RD</sup> SEM MSc
22.	NAFIYA. C.P	3 <sup>RD</sup> SEM MSc
23.	NIHAL KURIKKAL M P	3 <sup>RD</sup> SEM MSc
24.	NITA NAURIN	3 <sup>RD</sup> SEM MSc
25.	NUBLA. E. T	3 <sup>RD</sup> SEM MSc
26.	REZNA MOL. T	3 <sup>RD</sup> SEM MSc
27.	SAJNA. M. P	3 <sup>RD</sup> SEM MSc
28.	SWATHI. P	3 <sup>RD</sup> SEM MSc
29.	THASNI. N.P	3 <sup>RD</sup> SEM MSc
30.	UMMU FASLA. K. V	3 <sup>RD</sup> SEM MSc



  
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