E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE



DEPARTMENT: CHEMISTRY

ACTIVITY: EXTENSION SERVICE

YEAR : 2017-2018

DEPARTMENT OF CHEMISTRY

DATE	TIME	VENUE	
28.02.2018	11:00 a.m. to 12:00 p.m.	Chemistry laboratory EMGYWC	
Nature of the Activity		Extension Service	
Title		Detection of pH for acid and basic solutions	
Convener		Mrs.P.Bhuvaneswari	
		Head & Assistant Professor of Chemistry	
		EMGYWC	
Beneficiaries		Panchyat Union Middle School,	
		Students - 14	

EXTENSION SERVICE ON "DETECTION OF $p^{\rm H}$ FOR ACID AND BASIC SOLUTIONS" Objectives:

- To introduce the concept of pH and its significance in chemical analysis.
- To enable students to measure the pH of various solutions using indicators and pH meters.
- To help students differentiate between acidic, basic, and neutral solutions through observation and experimentation.
- To develop skills in handling laboratory tools and techniques related to pH measurement.
- To relate pH values to real-life applications in food, agriculture, environment, and health.

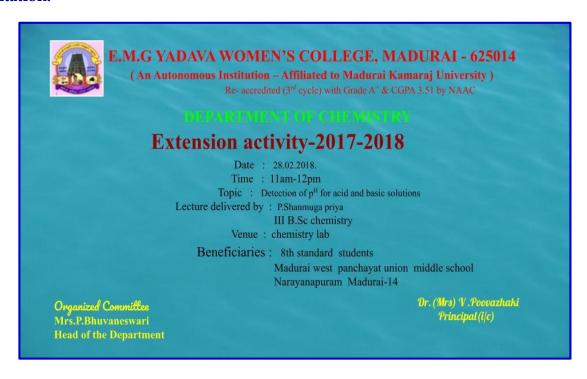
Programme Outcome:

By the end of the programme, students developed a clear understanding of the concept of pH and its practical importance. They were able to accurately measure the pH of various solutions using both indicators and digital pH meters. Students successfully identified whether a solution was acidic, basic, or neutral and interpreted their findings with scientific reasoning. The activity also enhanced their confidence in using laboratory equipment and applying theoretical knowledge to

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real-world contexts such as environmental monitoring, food quality testing, and agricultural practices.

Invitation:





Extension Service on "Detection of pH for acid and basic solutions" - 28.02.2018

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1. Student participants:

Extension Service on "Detection of pH for acid and basic solutions" - 28.02.2018				
S.No.	NAME	CLASS	SCHOOL	
1.	P.Sumitha	VIII STD	Panchyat Union Middle School, Madurai	
2.	K.Ramya	VIII STD	Panchyat Union Middle School, Madurai	
3.	V.Soniya	VIII STD	Panchyat Union Middle School, Madurai	
4.	S.Karthika	VIII STD	Panchyat Union Middle School, Madurai	
5.	A.Gowri	VIII STD	Panchyat Union Middle School, Madurai	
6.	S.Gowsalya	VIII STD	Panchyat Union Middle School, Madurai	
7.	P.Ambska	VIII STD	Panchyat Union Middle School, Madurai	
8.	K.Kavitha	VIII STD	Panchyat Union Middle School, Madurai	
9.	V.Maha	VIII STD	Panchyat Union Middle School, Madurai	
10.	S.Sugana	VIII STD	Panchyat Union Middle School, Madurai	
11.	R.Kanimozhi	VIII STD	Panchyat Union Middle School, Madurai	
12.	P.Rajeshwari	VIII STD	Panchyat Union Middle School, Madurai	
13.	S.Sangeetha	VIII STD	Panchyat Union Middle School, Madurai	
14.	K.Malar	VIII STD	Panchyat Union Middle School, Madurai	