#### E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE



**DEPARTMENT: CHEMISTRY** 

**ACTIVITY** : CONSULTANCY

YEAR : 2018-2019

# **DEPARTMENT OF CHEMISTRY**

DATE	TIME	VENUE
15.02.2019	11:00 a.m. to 12:30 noon	Government Higher Secondary School, Erunpatti
Theme		To prepare eco-friendly plastics
Nature of the Activity		Consultancy Activity
Title		Preparation of natural plastic using corn starch
Convener		Mrs.P.Bhuvaneswari Head, Assistant Professor of Chemistry EMGYWC
Coordinator		Mrs.A. Ramya Assistant Professor of Chemistry EMGYWC
Participants		School Students - 11

# CONSULTANCY ACTIVITY ON "PREPARATION OF NATURAL PLASTIC USING CORN STARCH" Objectives:

- To introduce the concept of eco-friendly alternatives to synthetic plastics.
- To demonstrate the step-by-step method for preparing biodegradable plastic using corn starch.
- To raise awareness about sustainable practices in material science and environmental protection.
- To encourage hands-on learning and innovation in green chemistry.

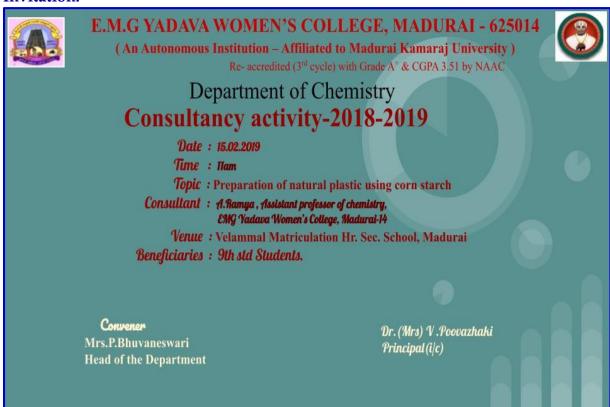
## **Programme Outcomes:**

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- 1. Students acquired practical knowledge of the preparation process for bioplastics using corn starch.
- 2. They understood the environmental significance of biodegradable materials and their role in reducing plastic pollution.
- 3. Participants developed skills in handling and synthesizing natural polymers through laboratory-based experimentation.
- 4. The activity promoted critical thinking about sustainable alternatives in everyday applications.

#### **Enclosures:**

## a. Invitation:



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## b. Evidence:



Consultancy Activity on "Preparation of Natural Plastic Using

Corn Starch" - 15.02.2019

# 1. Student Participants from School:

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Consultancy Activity on "Preparation of Natural Plastic Using Corn Starch" -			
15.02.2019			
S.No.	NAME	DEPARTMENT	
1	M.Rajeshwari	IX STD, Velammal Matriculation Hr. Sec. School, Madurai.	
2	J.Illakiya pavithra	IX STD, Velammal Matriculation Hr. Sec. School, Madurai.	
3	S.Kavitha	IX STD, Velammal Matriculation Hr. Sec. School, Madurai.	
4	K.kanchana	IX STD, Velammal Matriculation Hr. Sec. School, Madurai.	
5	K.Kowsalya	IX STD, Velammal Matriculation Hr. Sec. School, Madurai.	
6	K.Sabena	IX STD, Velammal Matriculation Hr. Sec. School, Madurai.	
7	R.Mahalakshmi	IX STD, Velammal Matriculation Hr. Sec. School, Madurai.	
8	D.Karthiga	IX STD, Velammal Matriculation Hr. Sec. School, Madurai.	
9	E.Sathya Bama	IX STD, Velammal Matriculation Hr. Sec. School, Madurai.	
10	J.Sharmila	IX STD, Velammal Matriculation Hr. Sec. School, Madurai.	
11	C.Karthik	IX STD, Velammal Matriculation Hr. Sec. School, Madurai.	