

E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE



DEPARTMENT : ZOOLOGY- BOTANY

ACTIVITY : HANDS-ON TRAINING

YEAR : 2024-2025

DEPARTMENT OF ZOOLOGY - BOTANY

DATE	TIME	VENUE
15.10.2024	10.00 a.m. to 12.00 p.m.	Zoology Lab EMGYWC
Theme	Hands on Training	
Nature of the Activity	Lecture cum Hands on training Programme	
Title	"Blood Group and Haemoglobin Analysis"	
Convener	Dr.(Mrs.)G. Indira Rani Head & Associate Professor of Zoology	
Coordinators	Dr.Mrs.M.A.Soniya Assistant Professor of Zooloy EMGYWC Dr.Mrs.S.Sharmila Assistant Professor of Zoology EMGYWC	
Resource Person	Mrs.S.Kayalvizhi,B.Sc.,M.L.T., Lab Technician Dhanam Lab Madurai	
No. of Beneficiaries	III B.Sc. Zoology Students - 19 Faculty - 4	

HANDS-ON TRAINING "BLOOD GROUP AND HAEMOGLOBIN ANALYSIS"

The Department of Botany organized a hands-on training programme on "Blood Group and Haemoglobin Analysis" for horticulture students. The session aimed to provide practical knowledge on blood group identification and haemoglobin estimation, enabling students to understand basic haematological techniques and their relevance in health assessment.

Objectives:

- To enable students to understand the principles and procedures of blood group determination (ABO and Rh systems).
- To provide hands-on experience in identifying blood groups using standard laboratory techniques such as slide and tube methods.
- To train students in the estimation of haemoglobin levels using commonly practiced methods (Sahli's method/automated methods).

Programme Outcome:

By the end of the training, students:

Students will be able to accurately determine blood groups (ABO and Rh) using standard laboratory procedures. Participants will acquire practical skills in estimating haemoglobin levels using appropriate analytical methods. Students will demonstrate proper handling, collection, and processing of blood samples following laboratory safety and hygiene protocols. Learners will gain the ability to interpret blood group and haemoglobin test results and understand their relevance in clinical and diagnostic contexts. Participants will develop confidence in using basic haematology equipment and reagents, enhancing their laboratory competency. The training will strengthen problem-solving and analytical skills, preparing students for further studies or careers in biomedical and health sciences.

Photographs:



Hands-on Training on "Blood Group and Haemoglobin Analysis" - 15.10.2024

Enclosures:

a. Invitation:



b. Nominal Roll of the Participants:

1. Staff Participants of EMGYWC:

Hands-on Training on "Blood Group and Haemoglobin Analysis" - 15.10.2024		
S.No.	Register Number	Name
1.	22ZOO01	B.Abinaya
2.	22ZOO02	N.Abineswari
3.	22ZOO03	S.Gowsalyadevi
4.	22ZOO04	K.Harshana
5.	22ZOO06	N.Jeevika
6.	22ZOO07	M.Kanimozhi
7.	22ZOO09	P.Madhumitha
8.	22ZOO10	M.Pavithra
9.	22ZOO11	S.Prathiuja
10.	22ZOO12	P.Priya dharshini
11.	22ZOO13	I.Reena

12.	22ZOO14	K.Rimadevi
13.	22ZOO16	M.Shanmugi
14.	22ZOO18	S.Siva Ranjani
15.	22ZOO19	A.Soniya
16.	22ZOO20	G.Suba Bharathi
17.	22ZOO21	N.Swathi
18.	22ZOO23	M.Vishalini
19.	22ZOO24	M.Vishnupriya

2. Staff Participants of EMGYWC:

Hands-on Training on "Blood Group and Haemoglobin Analysis" - 15.10.2024		
S.No.	NAME	DESIGNATION WITH DEPARTMENT
1.	Dr.G.Indira Rani	Head & Associate Professor of Zoology
2.	Ms.R.S.Rajalakshmi	Assistant Professor of Zoology
3.	Dr.M.A.Soniya	Assistant Professor of Zoology
4.	Mrs.S.Sharmila	Assistant Professor of Zoology