



DEPARTMENT : ZOOLOGY

ACTIVITY : WORKSHOP

YEAR : 2022-2023

DEPARTMENT OF ZOOLOGY

DATE	TIME	VENUE
23.03.2023	2.00 p.m. to 4.00 p.m.	Zoology Lab, EMGYWC
Theme	Mastering Cell Counting with the Haemocytometer	
Nature of the Activity	Workshop	
Title	Demo on Haemocytometer	
Convener	Dr.G.Indira Rani Head & Associate Professor of Zoology EMGYWC	
Organizers	Dr.M.A.Soniya Mrs.S.Sharmila Assistant Professors of Zoology EMGYWC	
Resource Person	Mr.I.Mariadoss Senior Lab Technologist Primary Health Centre Alanganallur, Madurai	
No. of Participants	Faculty - 3 Students - 30	

E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE

WORKSHOP “DEMO ON HAEMOCYTOMETER”

Objectives:

To provide students with practical training on the use and functionality of the haemocytometer for RBC and WBC counting.

Report:

The training session began with a brief introduction to the importance of cell counting in medical diagnostics and research. The session was led by I.Mariadoss, Senior Lab Technologist, Primary Health Centre, who provided an in-depth demonstration of the haemocytometer, explaining its components and functionality.

Key Highlights:

- The expert explained the structure and purpose of the haemocytometer, highlighting its significance in various biological and medical applications.
- Students observed a step-by-step demonstration of preparing samples and using the haemocytometer to count RBCs and WBCs.
- The process of dilution, loading the sample onto the haemocytometer, and counting cells under a microscope was thoroughly explained.

Hands-On Practice:

Students were allowed to practice using the haemocytometer under supervision, enhancing their understanding and technical skills. The expert provided individual guidance, ensuring that each student could accurately perform cell counting.

An interactive session allowed students to ask questions and clarify doubts regarding the use of the haemocytometer and related techniques.

The participants appreciated the opportunity to engage in practical learning and expressed confidence in applying these skills in their academic and professional endeavours.

Programme Outcome:

Upon successful completion of the Programme, Students were

- Learned about the workings and usage of the haemocytometer.
- Acquired hands-on experience in preparing and analyzing blood samples.
- Developed the ability to accurately count and differentiate between RBCs and WBCs.
- Enhanced their understanding of the importance of cell counting in medical diagnostics and research.
- Improved their technical skills in using microscopes and other laboratory equipment.
- Gained confidence in conducting laboratory procedures independently.

Feedback:

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https://drive.google.com/file/d/1fWUJja1I6Yip8vrjF9WDM8RZuVDyiD7_/view?usp=share_link

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Photographs:



Department of Zoology organised Workshop entitled
“Demo on Haemocytometer” - 23.03.2023

Enclosures:

a. Invitation:



E.M.G. YADAVA WOMEN'S COLLEGE, MADURAI – 625 014.

(An Autonomous Institution – Affiliated to Madurai Kamaraj University)
Re-accredited (3rd Cycle) with Grade **A⁺** & CGPA **3.51** by NAAC

DEPARTMENT OF ZOOLOGY

ONE DAY WORKSHOP

“Demo on Haemocytometer”

DATE : 23.03.23

TIME: 2.00 – 4.00 p.m

VENUE: Zoology Lab

Resource Person : I.Mariadoss,
Senior Lab Technologists,
Primary Health Center,
Alanganallur,
Madurai

BENEFICIARIES : II Year B.Sc Zoology students(24)
Certificate course students (11)

Convener
Dr.V.Pushpalatha
Dr.G.Indira Rani
Head & Asso.Professor

Principal i/c

All Are Cordially Invited

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b. Nominal Roll of Participants

1. Student participants of EMGYWC:

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Workshop on "Demo on Haemocytometer" - 23.03.2023			
S.No.	REGISTER NUMBER	NAME	DEPARTMENT
1.	21ZOO01	S.Aariya	B.Sc. Zoology
2.	21ZOO02	P.Abinaya	B.Sc. Zoology
3.	21ZOO03	M.Archana	B.Sc. Zoology
4.	21ZOO04	R.S. Bavadharini	B.Sc. Zoology
5.	21ZOO05	J.Bhavani	B.Sc. Zoology
6.	21ZOO06	B.Bhuvaneshwari	B.Sc. Zoology
7.	21ZOO07	M.Bhuvaneshwari	B.Sc. Zoology
8.	21ZOO08	R.Deevika	B.Sc. Zoology
9.	21ZOO09	S.Dhivika	B.Sc. Zoology
10.	21ZOO10	K.Divya Dharshini	B.Sc. Zoology
11.	21ZOO11	N.Gayathri	B.Sc. Zoology
12.	21ZOO12	K.Karthigai Selvi	B.Sc. Zoology
13.	21ZOO13	M.Kavitha	B.Sc. Zoology
14.	21ZOO14	M.Kaviya	B.Sc. Zoology
15.	21ZOO15	M.Mahalakshmi	B.Sc. Zoology
16.	21ZOO16	M.Monica	B.Sc. Zoology
17.	21ZOO18	M.Pragathy	B.Sc. Zoology
18.	21ZOO19	S.Revathi	B.Sc. Zoology
19.	21ZOO21	S.Saranya	B.Sc. Zoology
20.	21CGB11	G.Dhivya	B.Com.(SF)
21.	21CGB16	S.Gopika	B.Com.(SF)
22.	21CGB21	M.Kaleeswari	B.Com.(SF)
23.	21CGB26	R.R.Lakshmi Narayani	B.Com.(SF)
24.	21CGB30	R.Mahalakshmi	B.Com.(SF)
25.	21CGB31	P.Malathy	B.Com.(SF)
26.	21CGB37	T.Nagalakshmi	B.Com.(SF)
27.	21CGB61	K.Syed Arifa	B.Com.(SF)
28.	21CGB63	M.Vanitha	B.Com.(SF)
29.	21CGB67	V.Janani	B.Com.(SF)
30.	21CCA02	G.G.Bhuvaneshwari	B.Com.CA'A'


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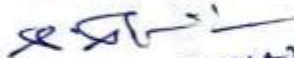
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2. Faculty participants of EMGYWC:

Workshop on "Demo on Haemocytometer" - 23.03.2023		
S.No.	NAME	DESIGNATION WITH DEPARTMENT
1.	Dr.G.Indira Rani	Head & Associate Professor of Zoology
2.	Dr.M.A.Soniya	Assistant Professor of Zoology
3.	Mrs.S.Sharmila	Assistant Professor of Zoology

Coordinator:


CDR. M.A. SONIYA


(Mrs. S. Sharmila)


Head of the Department


Principal
PRINCIPAL I/C
E.M.G. YADAVA WOMEN'S COLLEGE
MADURAI-625 014