

TEACHER'S ACTIVITY REPORT 2019 - 2020.

FACULTY: Science

DEPARTMENT: Zoology

IQAC ACTIVITY No: SVC/2019-2020/ZOO/VR/1

NAME OF THE ACTIVITY: A VISIT TO NATIONAL INSTITUTE OF MALARIA RESEARCH (NIMR)			
DATE	FACULTY	DEPARTMENT/COMMITTEE	COORDINATOR NAME
20 TH SEPT, 2019	Science	Department of Zoology	Dr. Anita verma Dr. Vagisha Rawal
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
NA	A VISIT TO NATIONAL INSTITUTE OF MALARIA RESEARCH	19	Outdoor
SUPPORT/ASSISTANCE:	Sri Venkateswara College		

BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. - III):

TOPIC/SUBJECT OF THE ACTIVITY	A VISIT TO NATIONAL INSTITUTE OF MALARIA RESEARCH (NIMR)
OBJECTIVES	To learn various techniques used in controlling vector borne diseases.
METHODOLOGY	<ul style="list-style-type: none"> • Students visited different labs where insects were reared. They observed insectaries and also learnt culturing of the mosquitoes under lab conditions. • They were made to understand different mosquito control strategies and recent advancement in vector borne disease control. • Student visited Malaria diagnostic centre where they could observe different stages of malaria parasite in the blood cells through microscopes.
OUTCOMES	Student could learn about <ul style="list-style-type: none"> ▪ Identifying mosquito genus ▪ Rearing of mosquitoes ▪ Mosquito control techniques ▪ Vector born disease control strategies ▪ Recent advancement in malaria research and malaria control strategies in India

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

Notice & Letters ✓	Student list of participation ✓	Activity report	Photos ✓	Feedback form
Feedback analysis	News clip with details	Certificate	Any other	

IQAC Document No:	Criterion No: III	Metric No:
Departmental file no	IQAC file No;	

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
Dr. Vagisha Rawal	Dr. Vartika Mathur	

For Reference

Criterion I	Curricular Aspects (planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation	Criterion VI	Governance
Criterion III	Research, Innovations & Extension	Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure		

Proof

A Visit to NIMR

ICMR-National Institute of Malaria Research was established in 1977 as 'Malaria Research Centre', which was renamed as 'National Institute of Malaria Research' in November 2005. ICMR-NIMR is one of the institutes of the Indian Council of Medical Research (an autonomous body under Department of Health Research, Ministry of Health & Family Welfare, Govt. of India).

The primary task of the Institute is to find short term as well as long term solutions to the problems of malaria through basic, applied and operational field research. The Institute also plays a key role in man power resource development through trainings/workshops and transfer of technology. The major areas of research carried out over the years are on mosquito fauna surveys, development of genetic and molecular markers for important malaria vectors and parasites, cytotoxic studies identifying major vectors as species complexes and laboratory and field studies to examine the biological variations among sibling species, development of molecular identification techniques for sibling species, monitoring of insecticide resistance through space and time, preparation of action plans, etc. have yielded valuable information. Field evaluation of new insecticides, biolarvicides, insecticide-impregnated bed nets, drugs and parasite diagnostic kits have provided new armament to malaria control. Many of these have found place in national malaria control programme.

ICMR-NIMR has a network of well developed laboratories at Delhi carrying out research on most aspects of malaria along with 10 field units in malarious areas, which serve as testing ground for new technologies and help in the transfer of technologies.



Students were taken to the insectary section, they have a specially designed well-maintained mosquito rearing Insectary facility for supporting mosquito-based experimentations, evaluation of insecticides and other basic research on anopheline mosquitoes. The facility has two well-characterized vector species, namely *An.stephensi* and *An.culicifacies* which are susceptible to insecticides used in public health. The insectary facility houses both adults and larval stages of these anopheline mosquitoes which can be used for different bioassays, adulticide tests, repellent tests, susceptibility assessment towards insecticides, etc. This Institutional facility act as a source of reference mosquito species for different biological studies and insecticide-resistance studies. Each Field Unit of NIMR also maintain small insectaries where they maintain the local fauna of principal malaria vector of the region.



List of Students who visited NATIONAL INSTITUTE OF MALARIA RESEARCH (NIMR)

S.NO	Name of the student	Course and semester
1	Ayesha	B.Sc. (Hons) Biochemistry Sem I
2	Asmita	B.Sc. (Hons) Biochemistry Sem I
3	Tarun	B.Sc. (Hons) Biochemistry Sem I
4	Rohit	B.Sc. (Hons) Biochemistry Sem I
5	Mehak	B. Sc. (Hons.) Botany Sem I
6	Prakriti	B. Sc. (Hons.) Botany Sem I
7	Mansi	B. Sc. (Hons.) Botany Sem I
8	Rohit	B. Sc. (Hons.) Botany Sem I
9	Anantpreet	Biological Sciences Sem I
10	Jayanti	Biological Sciences Sem I
11	Paridhi	Biological Sciences Sem I
12	Jaanvi	Biological Sciences Sem I
13	Sachin	Biological Sciences Sem I
14	Vishnu	Biological Sciences Sem I
15	Sonali	Biological Sciences Sem I
16	Dravie	Biological Sciences Sem I
17	Abhirami	Biological Sciences Sem I
18	Monika	Biological Sciences Sem I
19	Pradumnya	B.A. Hindi

Name of the Teachers

Dr. Anita Verma & Dr. Vagisha Rawal



SRI VENKATESWARA COLLEGE
(University of Delhi)

Internal Quality Assurance Cell

Chairperson

Prof C. Sheela Reddy
Principal
Sri Venkateswara College

IQAC Coordinator

Dr. N. Latha
Department of Biochemistry

External Members

Prof Debi P Sarkar
Department of Biochemistry
University of Delhi South
Campus

Prof Alo Nag
University of Delhi South
Campus

Dr. Gitanjali Yadav
NIPGR, Delhi

Internal Members

Dr. Meenakshi Bharat
Department of English

Dr. Lalitha Josyula
Department of Electronics

Dr. Namita Pandey
Department of Political
Science

Dr. A. K. Chaudhary
Department of Physics

Dr. K.C. Singh
Department of Physics

Dr. Swarn Singh
Department of Mathematics

Dr. Neeraj Sahay
Department of History

Dr. Vartika Mathur
Department of Zoology

Dr. Shruti Mathur
Department of Commerce

Dr. Padma Priyadarshini
Department of Sociology

Dr. Nimisha Sinha
Department of Biochemistry

Shri D. Venkat Ramana
A.O(I/C)

This is to certify that the Activity report (Teacher/Department /Society/Association) has been submitted for documentation to IQAC, Sri Venkateswara College, University of Delhi.

N. Latha

IQAC Coordinator
Sri Venkateswara College

Coordinator, IQAC
Sri Venkateswara College
(University of Delhi)
Dhaulta Kuan, New Delhi-110021

C. Sheela Reddy

PRINCIPAL
Sri Venkateswara College

PRINCIPAL
Sri Venkateswara College
(University of Delhi)
Dhaulta Kuan, New Delhi-110021