

I. Introduction

Malaria is endemic throughout most of the tropics and accounts for 7.8 percent of the global disease burden; on-going transmission occurs in 85 countries and territories. The World Health Organization (WHO) reported 241 million cases and 627 thousand deaths from malaria in 2020; this is an increase from an estimated 227 million cases and 558 thousand deaths recorded in 2019.

Malaria is an acute febrile illness caused by Plasmodium parasites, which are spread to people through the bites of infected female Anopheles mosquitoes. There are 5 parasite species that cause malaria in humans, and 2 of these species – *P. falciparum* and *P. vivax* – pose the greatest threat. *P. falciparum* is the deadliest malaria parasite and the most prevalent on the African continent. *P. vivax* is the dominant malaria parasite in most countries outside of sub-Saharan Africa. Other rare mechanisms for transmission include congenitally acquired disease, blood transfusion, sharing of contaminated needles, organ transplantation, and nosocomial transmission. Over 95 percent of the burden occurs in the African region of the World Health Organization, followed by 2 percent each in the South East Asian and Eastern Mediterranean regions, with the American and Western Pacific regions contributing the remainder.

The first symptoms – fever, headache and chills – usually appear 10–15 days after the infective mosquito bite and may be mild and difficult to recognize as malaria. Left untreated, *P. falciparum* malaria can progress to severe illness and death within a period of 24 hours

The prime source of malarial and dengue virus is stagnant water which may be responsible for the spread of disease. The student volunteers counseled the villagers regarding the cleaning and removal of stagnant water from coolers as well as from tanks which are not in use for the longer time. Students also briefed about various vector control methods used for preventing transmission like are insecticide-treated nets (ITNs) and indoor residual spraying (IRS).

More than 40 student volunteers briefed about the various primary symptoms and treatment options available for the diseases. Student participant distributed pamphlets and questioners to the villager to know the extent of awareness and various strategies to prevent the spread for eradication of malaria and dengue. Students also explained how to fill questioner. This field project will help in the implementation and evaluation of public health and awareness regarding malaria and dengue. And asked few of the questions to the villagers and explained the same.



Photo 1. Faculty member addressing about eradication of malaria and dengue to villagers


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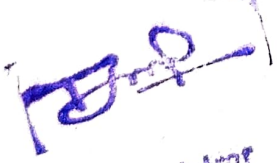


Photo 2. Distribution of pamphlets and questioner to villagers

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Photo 3. Student participated in field project


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SCHOOL OF
MEDICAL AND ALLIED SCIENCES

K.R. MANGALAM UNIVERSITY

THE COMPLETE WORLD OF EDUCATION

DATE: 20/09/22
VENUE: Gharrawaj
ORGANISED BY: SMAS

NAME OF ACTIVITY: Field project on Eradication
of malaria/dengue.

ATTENDANCE RECORD

Sr. No	Name of Participant	Semester	Signature of Student
1.	Pallavi	III rd	Pallavi
2.	Naved	III rd	Naved
3.	Sumit	III rd	Sumit
4.	Devansh Tyagi	"	Devansh
5.	Suresh	"	Suresh
6.	Vandana	"	Vandana
7.	Yogesh	"	Yogesh
8.	Ravi	"	Ravi
9.	Shivam	"	Shivam
10.	Golam	"	Golam
11.	Abhinav	"	Abhinav
12.	Ujjwal	"	Ujjwal
13.	Arul	"	Arul
14.	Shobham	"	Shobham
15.	Sidhi	"	Sidhi
16.	Piyush	"	Piyush
17.	Vivek	"	Vivek
18.	Omni	"	Omni
19.	Anjan	"	Anjan
20.	Rupesh	"	Rupesh
21.	Rishabh	"	Rishabh
22.	Saloni	"	Saloni
23.	Harshul	"	Harshul
24.	Deepesh	"	Deepesh
25.	Sulvam Batta	"	Sulvam
26.	Aman Juneja	"	Aman
27.	Keerat	"	Keerat
28.	Rahul	"	Rahul

Organiser's Signature

Name and Designation



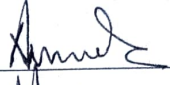

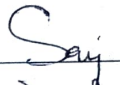
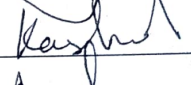






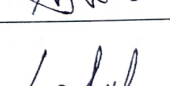

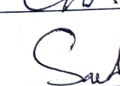

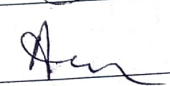

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Dr. Manoj
Mr. Debashish

NSS KR Mangalam University

Eradication of Malaria & Dengue.

20/9/22

S. No	Name of Student	Course	Signature
1	Somya Sharma	BL·Ed	
2	Aashi	BL·Ed	
3	Anwar	B·com	
4	Mansi	BPT	
5	Sejal	B·Sc (Maths)	
6	Kashish	BL·Ed	
7	Archana	B·Sc (Maths)	
8	Himanshi	BPT	
9	Upasana	BL·Ed	
10	Harsh Sharma	BCA	
11	Bani	BPT	
12	Anuranshika	B·Sc (Maths)	
13	Muskan	B·Sc (Maths)	
14	Lalit Khatauna	BCA	
15	Chaui	B·Ed	
16	Sarita	BL·Ed	
17	Simran	BCA	
18	Abhay	BSc.	

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