

MALLA REDDY  
MEDICAL COLLEGE FOR WOMEN  
Friday, 27th September 2019

MALLA REDDY MEDICAL COLLEGE FOR WOMEN

Malla Reddy Narayana  
Multispeciality Hospital  
www.mrmcw.org

DEPARTMENT OF COMMUNITY MEDICINE

WELCOME TO STATE LEVEL CME INAUGURATION CEREMONY



CONTROL OF VECTOR (MOSQUITO) BORNE DISEASES



Chief Guest :

**DR. B. P. RAVI KUMAR**  
STATE PRESIDENT, IAPSM, TELENGANA CHAPTER

Guests Of Honour:

**SRI. CH. MALLA REDDY**  
Founder Chairman, Minister of Labor, Industries,  
Women and Child welfare, Govt of Telangana

**CH. MAHENDER REDDY**  
Secretary, MRGI

**DR. CH. BHADRA REDDY**  
Director, MRHC

**DR. CH. PREETI REDDY**  
Director, MRHC

**DR. CHANDRAKANTH D SHIROLE**  
Academic Director, MRHC

DR. CH. PREETI REDDY  
DIRECTOR

DR. CHANDRAKANTH D SHIROLE  
ACADEMIC DIRECTOR

DR. CH. BHADRA REDDY  
DIRECTOR

DR. B. P. RAVI KUMAR  
STATE PRESIDENT









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MALLA REDDY MEDICAL COLLEGE  
DEPARTMENT OF COMMUNITY MEDICINE

WELCOME TO STATE LEVEL CME IN



MANAGEMENT OF VECTOR (MOSQUITO)

Guests Of Honour:

H. MALLA REDDY

Chairman, Minister of Labor and Child welfare, Govt of Telangana

CH.

DR.







MALLA REDDY MEDICAL COLLEGE FOR WOMEN  
Friday, 27th September 2019  
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**WELCOME TO STATE LEVEL INauguration CEREMONY**

**CONTROL OF VECTOR (MALARIA) BORNE DISEASES**

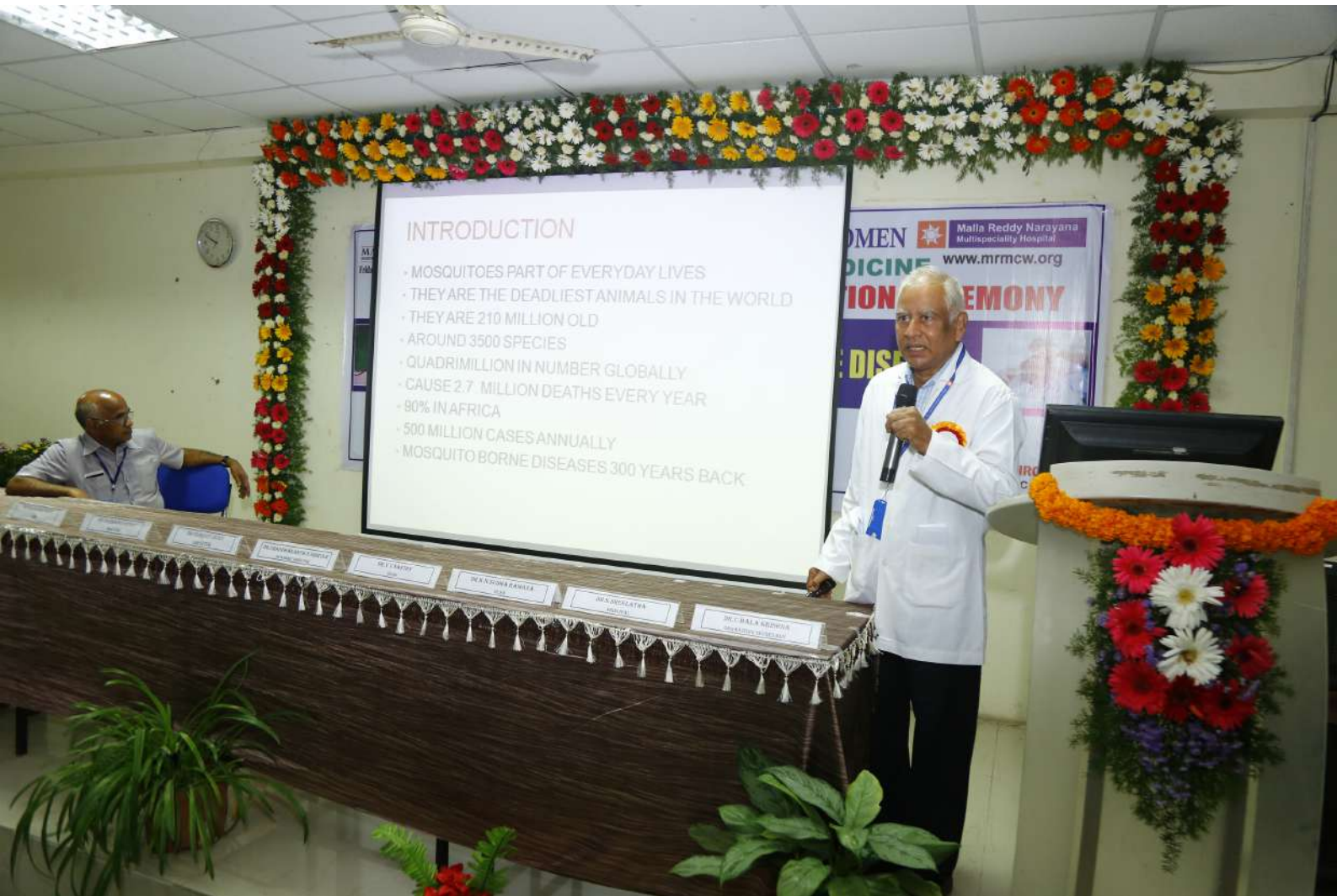
Chief Guest :  
**RAVI KUMAR**  
HON. MEMBER, LEGISLATIVE ASSEMBLY, TELANGANA CHAPTER

Guests Of Honour:  
**SRI. CH. MALLA**  
Founder Chairman, Minister of Labour, Women and Child welfare, Govt of Telangana

**DR. CH. PREET REDDY**  
Director, MRHC

**DR. C. KANTH D SHIROLE**  
Director, MRHC







World Health Organization

## VECTOR-BORNE DISEASES

VECTORS MAY BE A THREAT TO YOU, AT HOME AND WHEN TRAVELLING

**VECTORS** ARE SMALL ORGANISMS THAT CAN BE VERY DANGEROUS INSECTS



**WITH JUST 1 BITE**

they can transmit diseases such as:

- Malaria
- Dengue
- Leishmaniasis
- Lyme disease
- Yellow fever
- Japanese encephalitis



Diseases spread by vectors kill a million people every year and more than half of the world's population is at risk

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## SEMINAR ON VECTOR-BORNE DISEASES



**DR. CH. PREETI REDDY**  
Director, MRHC







### MALARIA FACTS

Malaria is a common disease that is preventable and treatable.

97 countries and territories had ongoing malaria transmission in 2014.



Malaria is caused by Plasmodium parasites. Humans get infected via mosquito bites.

3.2 billion people are at risk of malaria worldwide.



Pregnant women are at a higher risk of dying from complications of severe malaria.

10,000 travellers are infected with malaria after returning home.



#### SYMPTOMS

Medical symptoms



- A ANEMIA
- B HYPERTENSION
- C DIABETES
- D CANCER

EARLY DIAGNOSIS and prompt treatment prevent deaths.

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### ION CEREMONY

### DISEASES



DR. CH. PREMA Director  
DR. CHANDRAKANT Academic





GREATER HYDERABAD MUNICIPAL CORPORATION

GHMC

WELCOME  
Urban Malaria Scheme (Entomology)  
Mosquito Control

Prepared by Dr. A. Ram Babu  
Chief Entomologist

DMEN



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ICINE

ON CEREMO

EASES

M. PREETI REDDI  
Director, MRHC

RAKANTH D S  
Clinical Director, MRHC



### PROLOGUE:

- An unexplained Ac. neurologic illness affecting children with high CFR reported from Muzaffarpur district of Bihar since 1995.
- The cause of illness was attributed:
  - Infectious encephalitis - Including JE
  - Extreme heat and humidity causing heat stroke
  - Exposure to pesticides
  - Consumption of litchi fruits (hypoglycin A)

**JE is called a Political disease**

**WOMEN IN MEDICINE AWARDS AWARDS CEREMONY**  
DISEASES

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Director, MRHC

DR. CHANDRAKANTH D SHIROLE  
Academic Director, MRHC



The National Vector Borne Disease Control Programme (NVBDCP) is an umbrella program for prevention and control of Vector borne diseases

JE and Dengue fever were included in the NVBDCP from the year 2003-04

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Multispecialty Hospital  
[www.mrmcw.org](http://www.mrmcw.org)  
**INauguration CEREMONY**  
**FOR VECTOR BORN DISEASES**  
**DR. CH. PREETI REDDY**  
Director  
**DR. CHANDRAKANTH**  
Academic Director





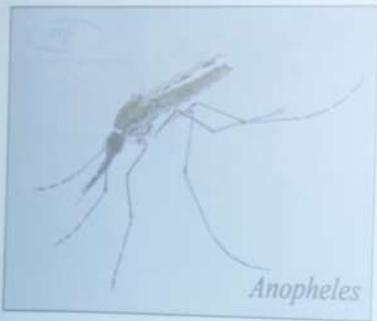
## Burden of Disease

- Vast majority of cases are asymptomatic
- Actual numbers are under-reported
- Many misclassified
- Global incidence of dengue has increased dramatically in recent decades
- Before 1970, only nine countries reported dengue epidemics
- More than 100 countries are affected

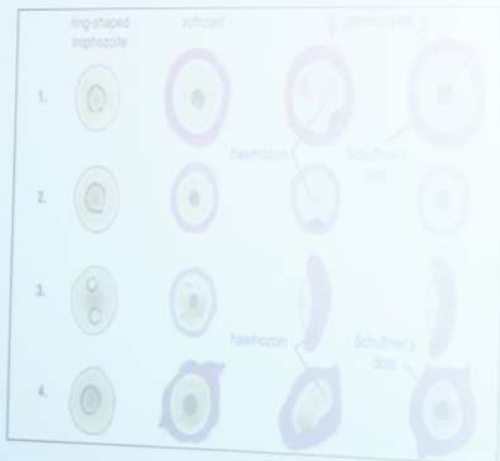
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# MALARIA



Plasmodium Species: 1. P. vivax 2. P. falciparum 3. P. malariae 4. P. ovale



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DISEASES

DR. CH. PREMA  
Director

DR. CHANDRAN  
Academic



## Hippocratic Concept

- Hippocrates, in his classic text of "Airs, Waters & Places" –
- "I have 3 eyes for each patient – Clinical, Humanitarian and Epidemiologic eyes"
- "Every patient has a window through which I can spot the fleeting glimpses of the stealthy disease snake, which is biting yet another person in the community." "I not only cure my patient but also arrest the snake's movements in the community."













**STATE LEVEL CME**  
Control of Vector (Mosquitoes)  
Borne Diseases  
Friday 27th September 2019  
*Department  
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Malla Reddy Medical College  
for Women  
Suraram, Hyderabad

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*Speaker*  
**Dr. VIJAYA KIRAN MENTHEY**

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