



KASTURBA MEDICAL COLLEGE

MANIPAL

(A constituent unit of MAFU, Manipal)

**SNAKE BITE AWARENESS AND FIRST RESPONSE
AWARENESS PROGRAM**

DEPARTMENT OF EMERGENCY MEDICINE, KMC, MANIPAL

WITH

THE CENTRE FOR WILDERNESS MEDICINE, KMC, MANIPAL

EMERGENCY MEDICAL TECHNOLOGY, MCHP

MAHE, MANIPAL

At G.S.ACHAR RANGA HALL,

SHANKARANARAYANA, KARNATAKA, 2.10.2021, 2 PM ONWARDS



Dr. Vijay Kumar, Assistant Professor
MD-Emergency Medicine, KMC,
Manipal



Dr. Freston Marc Sirur, Assistant
Professor MD-Emergency Medicine,
KMC, Manipal



Dr. Nisarg Karanth, Assistant Professor
MD-Emergency Medicine, KMC,
Manipal



Dr. Chetana A S, PGY3, Emergency
Medicine, KMC, Manipal



Dr. Vrinda Lath, PGY2, Emergency
Medicine, KMC, Manipal



Mr. Raviraj Prabhu, EMT, KH,
Manipal

**EMERGENCY MEDICAL TECHNOLOGY TEAM , MCHP
MAHE, MANIPAL**



Ms. LAVANYA B N
ASSISTANT LECTURER
EMT FACULTY, MCHP

EMT STUDENTS:

Usha , Arundhathi Hebbar , Avinash Bhat , Karthik Naik ,
Shwetha Kulal , Reethu , Joylin Nathalian Dsouza , Caroline
Ashritha Maben , Devika JL , Ramya , Rashmi , Vinay.

PROGRAM SCHEDULE

DATE : 2ND OCTOBER 2021

DURATION : 2PM- 6PM

1. Big four video
2. Human snake conflict in the city-video
3. SNAKE ENVENOMATION
Cobra- Dr. Vijay Kumar
Krait – Dr. Nisarg Karanth
Adult Russels Viper – Dr. Chethana A S
Saw scaled Viper, Juvenile Russels Viper & Hump Nosed Pit viper –
Dr.Freston Marc Sirur
4. First Response In Snake Bite– EMT TEAM
5. Indian Rock Python Interactions– Mr. Raviraj Prabhu
6. Biodiversity And Ecology In Our Lives – DR. Vrinda Lath
7. Importance Of Jungles & Biodiversity – Range Forest Officers

A Snake bite awareness and first response program was conducted by Department Of Emergency Medicine, KMC, Manipal in collaboration with the Centre For Wilderness Medicine, KMC, MAHE and Emergency Medical Technology, MCHP Manipal at G.S Achar hall Shankaranarayana Karnataka on 2nd October 2021

SPEAKERS: Dr.Vijay kumar , Dr.Freston Marc Sirur ,Dr.Nisarg Karanth , Dr.Chethana AS , Dr. Vrinda Lath , Mr.Raviraj Prabhu ,Ms.Lavanya

PLAY PARTICIPANTS : Usha , Arundhathi Hebbar , Avinash Bhat , Karthik Naik , Shwetha Kulal , Reethu , Joylin Nathalian Dsouza , Caroline Ashritha Maben , Devika JL ,Ramya , Rashmi , Vinay.



This workshop was conducted to create an awareness on different types of snakes of medical importance, Do's and Don'ts in the case of snake bite and first aid in snake bite with a skit on common misconceptions and appropriate first responder actions.

The event began with Mr.Raghavendra Chathramakki ,an art teacher at Kokkarne High School and also a background dip artist , giving an introduction about the entire team to the audience and overall motive for the workshop. This event was further continued by Mr.Sudhakar Kulal , Vice president of SVVS Bank and president at

Raitha mandala Byndoor , by welcoming the gathering; which was followed by lamp lighting ceremony.

Welcome session was followed by a small introductory talk about the workshop by Dr.Jayaraj Mymbilly Balakrishnan , Head Of Emergency Medicine Department ,KMC Manipal and Dr.Vijay Kumar , MD emergency medicine ;assistant professor at KMC.

Mrs.Latha Devadiga S , president of Shankarnarayan gram panchayat also addressed the gathering.

A video on the Big 4 was played for the audience. The video also highlighted preventive and precautionary methods to be followed to prevent snake bite.

The workshop was further continued with snake envenomation session where awareness about major venomous snake commonly encountered were addressed to the gathering by different speakers

- **Cobra** - by Dr.Vijay kumar ,MD emergency medicine , Assistant professor, KMC
- **Krait** - by Dr.Nisarg Karanth , MD emergency medicine , Assistant professor, KMC
- **Adult russels viper** - by Dr.Chethana AS , post-graduate 3rd year , emergency medicine ,KMC
- **Saw scaled viper, Juvenile Russels viper , hump nosed pit viper** - by Dr.Freston Marc Sirur ,MD emergency medicine , Assistant professor, KMC & The coordinator for the centre for wilderness medicine , Manipal.

The motive of this session was to create an awareness on as to how to identify various venomous and non-venomous snakes, signs of envenomation, first response, treatment and complications for the general public to gain perspective on this subject and improve their response in case they were ever called for help.The session was interactive with audience sharing many of their own experinces.

Thiswas followed by a play by third- and second-year Emergency Medical Technology students of MCHP Manipal; which mainly focused on correct and incorrect methods to handle a snake bite scenario while stressing on the importance

of role of an EMT. The entire play was re-briefed to the audience by Ms.Lavanya , Assistant lecturer ,MCHP , Manipal. The play also focused on the need for early transport of the snake bite victim to hospital and the advantages of appropriate prehospital care. It also highlighted the importance of scene safety of first responders.

The workshop was further continued by Mr.Raviraj Prabhu , Trauma Technician , KMC Manipal , who delivered a talk on the Indian rock python and human interactions, coexistence with it and it's role in the ecology.

The workshop came to an end with Dr.Vrinda Lath , postgraduate 2nd year emergency medicine , KMC Manipal , who addressed the audience about the role of snakes in the ecological pyramid, conservation and it's role on One Health Perspectives . This session mainly highlighted on how the absence of snake would deeply effect the biodiversity and the human health.



Mr. Raghavendra Chathramakki hosting the event and introducing the entire team to the audience.

Lamp lighting ceremony



Dr. Jayaraj Mymbilly Balakrishnan , Head of emergency medicine department , addressing the gathering .



Mrs. Latha Devadiga ,
addressing the gathering

Dr. Vijay Kumar , taking the
lead for snake envenomation
session; focusing mainly on
Cobra.



Dr.Nisarg Karanth ,
continuing the snake
envenomation session by
focusing on Krait.



Dr.Chethana AS , delivering her talk which highlighted about Adult Russels Viper.

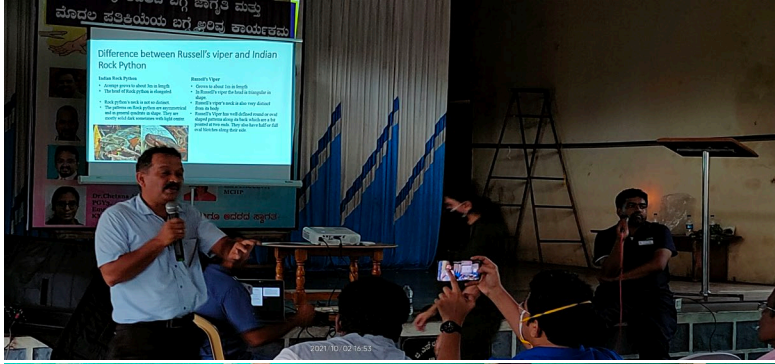
Dr. Freston Marc Sirur , speaking about saw scaled viper, juvenile russels viper and hump nosed pit viper .



Play presentation by emergency medical technology students, highlighting the advantages of appropriate pre-hospital care and early transport to the hospital and consequences of delayed hospital transport.

It also depicted the need of EMT's for pre hospital interventions.

Entire play was re-briefed to the audience by Ms. Lavanya .



Mr. Raviraj Prabhu , explaining the audience about the Indian Rock Python .



Dr. Vrinda Lath, explaining the importance of snake and One Health, which also focused on consequences we will face in absence of snake which would affect not only biodiversity but also the human health.