

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE GWALIOR

A Government Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV Bhopal



IMUNIZATION DAY

Report



MARCH 16, 2023

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE GWALIOR

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The commemorative day of **National Immunisation Day** was celebrated in the institute on 16th March 2023. An **expert talk session** has been organized for the students. Dr. Anirudh Bhushan, MD Neuropsychiatry, PGI Rohtak was invited to give talk about the about the immune system, meaning of immunization, working, and the precautions.

In India, the National Vaccination Day (also known as National Immunisation Day (IMD)) is observed on 16 March every year, to convey the importance of vaccination to the entire nation. In 2023, the National Immunization Day is important since the Government of India has started the COVID-19 vaccination for children between 15 to 18 years of age and booster dose for senior citizens. The theme for National Vaccination Day or National Immunisation Day 2023 is “**Vaccine Prevents the Unwanted**”. Around 43 students have attended the session.

The immune response is the physiological cascade of events induced by antigen exposure, leading immune response generation to fight the antigen. The response can range from white cells (to combat antigens) to specific antibodies. Although humans receive passive immunity through the mother via the placenta and breast milk, it alone is insufficient. Passive immunity is always short-lived. During their lifetime, humans do acquire active immunity, which could last lifelong, but obtaining active immunity risks the contraction of a disease.

Understanding the importance of obtaining active immunity (immunisation), the ancient Turks developed variolation, whereby material from a smallpox pustule was inoculated into healthy individuals. However, rather than protecting people, variolation caused widespread outbreaks. It wasn't until 1798, when Edward Jenner published the results of his research in smallpox, describing how inoculation of vaccinia (cowpox) would enable healthy people to be effectively immunised against smallpox, a way for safe immunisation was created.

History of immunisation in India

Currently, India is implementing the world's most extensive immunisation programme, and the healthcare workers provide significant assistance to the motherland by vaccinating even in difficult circumstances and rough terrains. In 1995, the first dose of oral polio vaccination was administered in India on the 16th of March. Therefore, National Immunisation Day denotes the government's Pulse Polio Programme, which eradicated polio from the country. The World Health Organization (WHO) proclaimed India polio-free on the 27th of March 2014.

National Vaccination Day 2023 Theme

This year 2023, the National Vaccination Day 2023 theme is “Vaccine Prevents the Unwanted”. A call which encourages the importance of immunisation in the fight against life-threatening diseases. Now that the dreaded disease of polio is eradicated, India now focuses its

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immunisation drives to control and, if possible, eliminate the following diseases by administering to children under the age of five:

- Tetanus
- Rubella
- Measles
- Mumps
- Tuberculosis
- Meningitis
- Hepatitis-B
- Diphtheria
- Pneumonia
- Pertussis

Objectives

- To impart education about the immune system.
- To create awareness to individuals about national immunisation day.

Photographs/Screenshots

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Immunization Day

"Vaccine Work For Everyone"



16th March 2023
Timing- 12:00-01:00pm

[Register here](#)

Faculty Coordinator:
Dr. Parul Saxena
Dr. Vikram

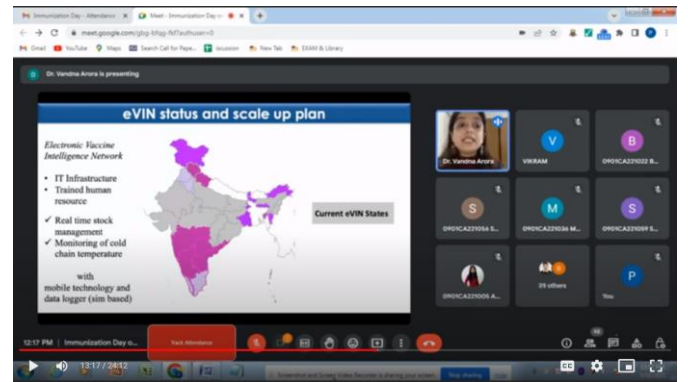
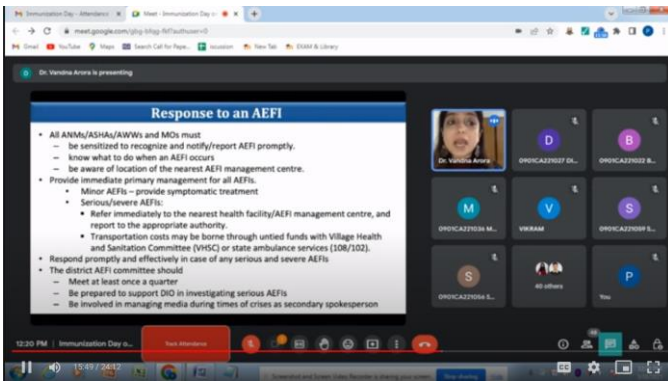
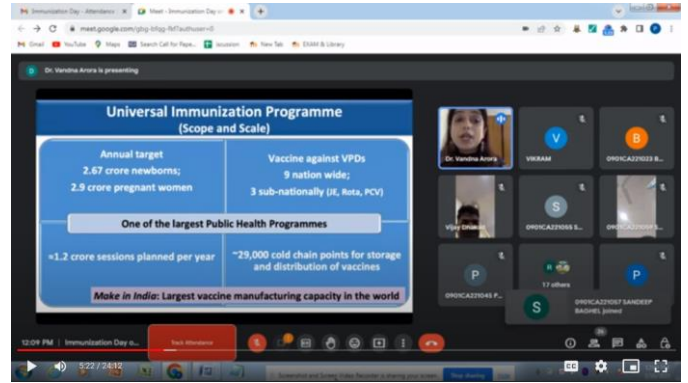
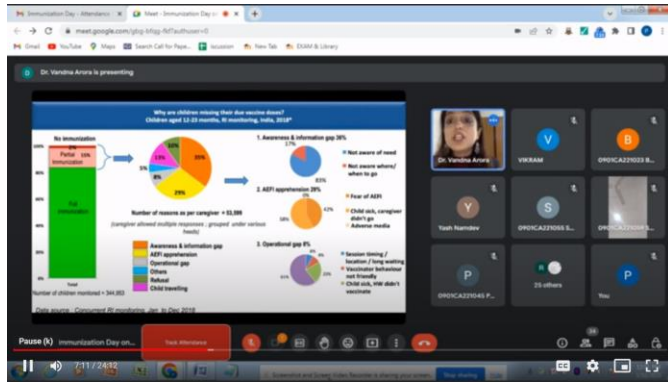


DR. VANDNA ARORA
ASSISTANT PROFESSOR,
ANAESTHESIOLOGY AND CRITICAL
CARE,
PGIMS ROHTAK

E- certificates will be provided to all the participants

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Recording Link



Outcomes

- Students were aware about the about the immune system.
- Students were aware about the national immunisation day.

Dr. Vikram
Coordinator

Dr. Parul Saxena
Coordinator