



MUGBERIA GANGADHAR MAHAVIDYALAYA

P.O.—BHUPATINAGAR, Dist.—PURBA MEDINIPUR, PIN.—721425, WEST BENGAL, INDIA

NAAC Re-Accredited B+Level Govt. aided College

CPE (Under UGC XII Plan) & NCTE Approved Institutions

DBT Star College Scheme Award Recipient

E-mail : mugberia_college@rediffmail.com // www.mugberiangangadharmahavidyalaya.ac.in



Ref. No.-MGM/ / /2020-2021

Date:- 22/08/2020

Notice

This is to notify that the department of Nutrition of Mugberia Gangadhar Mahavidyalaya will organize an awareness program on “**Vaccine Basics and COVID-19 Vaccine**” for students on **26th August, 2020** in online mode. All students, Faculty members and administrative staff are requested to join the said programme.




Signature of The Principal
Dr Swapan Kumar Misra

Principal
Mugberia Gangadhar Mahavidyalaya



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Vaccine Basics and COVID-19 Vaccine, 2020

The Department of Nutrition at Mugberia Gangadhar Mahavidyalaya successfully conducted an awareness program on "Vaccine Basics and COVID-19 Vaccine" on August 26th, 2020. A. Gomes, the esteemed speaker, provided a comprehensive overview, dispelling myths and emphasizing the importance of vaccinations. The session, attended by students, faculty, and administrative staff, fostered an interactive dialogue, reflecting the community's keen interest in understanding and staying informed about vaccines, particularly the COVID-19 vaccine. The program not only enhanced participants' understanding of vaccine fundamentals but also addressed concerns related to the ongoing pandemic. The success of this initiative encourages further efforts to keep our community well-informed and proactive in matters of public health.



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Mugberia Gangadhar Mahavidyalaya
Mugberia G. Mahavidyalaya, Bhupatinagar, Purba Medinipur, 75 105

WELCOME PARTICIPANTS
Vaccine Basics & Covid-19 vaccine : An update
A Gomes, Ph.D.,
Ex-Professor & USG, IAS, USG Emeritus Fellow
Dept. of Pharmacy, University of Calicut

Vaccine : Types (3)

- Vaccines may be four types :
 - (1) Live attenuated (LA)Antigen) - MCV, OPV, measles, yellow fever, rotavirus
 - (2) Inactivated (killed antigen) - IPV, white cell pertussis
 - (3) Subunit (purified antigen) - Hep B
 - (4) Toxoid (inactivated Toxins) - Tetanus, Diphtheria toxoid
- How antigen activation process is inactivated or weakened or killed?
 - (1) Heating (2) UV light (3) Acid/alkali treatment (4) Inactivating agent (Formaldehyde/Sutaraldehyde/β-propiolactone/Disinfectant)

Vaccine : How it works? (8)

- Vaccines stimulate the immune system to develop long lasting immunity against non-specific pathogens.

Covid-19 vaccine development strategies



Swapan
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