

Santal Bidroha Sardha Satabarshiki Mahavidyalaya

ESTD - 2005



Government Aided, NAAC Accredited College

Affiliated to Vidyasagar University & Recognized by UGC (under 2(f) & 12(B)

P.O: Goaltore, Dist: Paschim Medinipur, PIN - 721128

Phone & Fax: 03227-288063, Email: sbssm_goaltore@rediffmail.com, Website: www.sbssmahavidyalaya.ac.in

Ref:

Date:

REPORT SUMMARY

Sl No	Items	Details
1	Title/Topic/Theme	International Webinar on A Key Role of Physiology on COVID-19 Pandemic
2	Club/ Dept /Occasion	Department of Physiology & Physical Education, SBSSM
3	Event	Webinar
4	Organized By/Staff Co-Ordinator	Dr. Sankar Kumar Dey, Department of Physiology, SBSS Mahavidyalaya
5	Guest/Speaker/ collaborating agency	Dr.Panchanan Maiti, Dr. Subhan Roy
6	Date &Time	10-11-2020
7	Venue/ Online Link	https://youtu.be/txN5pL0ZoY0
8	Participants	Students And Faculty
9	Participants Count	67
10	About & Outcome	<p>Physiology helps to understand how the body works in health and determine what goes wrong in disease. As such, physiology has been at the forefront of the search for answers at every stage of the COVID-19 pandemic.</p> <p>Outcome:</p> <ol style="list-style-type: none">1. Saving lives when confronted with a novel virus.2. Supporting older people to remain healthy during lockdown.3. Developing safe and effective vaccines.4. Tackling the emerging long COVID public health crisis.

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SELECTED PHOTO & PICTURE

ONE DAY INTERNATIONAL WEBINAR ON

A KEY ROLE OF PHYSIOLOGY ON COVID-19 PANDEMIC

JOINTLY ORGANIZED BY
DEPARTMENT OF PHYSIOLOGY &
DEPARTMENT OF PHYSICAL EDUCATION
SANTAL BIDROHA SARDHA SATABARSHIKI
MAHAVIDYALAYA, GOALTORE,
PASCHIM MEDINIPUR, WEST BENGAL, INDIA



NOVEMBER
10
5:00 PM IST

EMINENT SPEAKERS



Dr. Panchanan Maiti
Principal Research Scientist, Field
Neurosciences Institute, Ascension St. Mary,
USA.
Adjunct Faculty, Dept. of Psychology, Central
Michigan University, USA.
Topic: Vaccine development strategies and
recent updates of COVID-19 vaccine.



Dr. Sobhan Roy
Staff Scientist,
Dept. of Biochemistry and Molecular Biology,
University of Chicago, USA.
Topic: Human immune
responses to COVID-19

Patron : Sri Srikanta Mahata , President, Governing Body, SBSS Mahavidyalaya

Chairman: Dr. Mantu Kumar Das , Principal, SBSS Mahavidyalaya

Secretary: Prof. Nirmal Kumar Masanta, Department of Physical Education, SBSS Mahavidyalaya

Joint Secretary: Prof. Barun Chakraborty, Department of Physiology, SBSS Mahavidyalaya

Convener: Dr. Sankar Kumar Dey, Department of Physiology, SBSS Mahavidyalaya

Members: All teaching and non-teaching staff, SBSS Mahavidyalaya, SBSS Mahavidyalaya

05:00 PM - Initiation of Convention by Convener, Webinar organizing committee.

05:05 PM - Welcome Address by Chairman, Webinar organizing committee.

05:15 PM - Invited Talk By Dr. Sobhan Roy

06:05 PM - Invited Talk By Dr. Panchanan Maiti

06:55 PM - Vote of Thanks

Registration is Free and mandatory for participation. Feedback link will be shared in a chatbox during the webinar. candidates will get e-certificate after successful submission of feedback. Meeting link will be sent to the registered participants through e-mail.

Registration Link: <https://forms.gle/2mYKA56HC7X3Px6U8>

Last Date of Registration : November 09, 2020

Contact: Dr. Sankar Kumar Dey, sdeybiomed@gmail.com, +91 98006 34952

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Vaccine development strategies and recent updates of COVID-19 vaccine

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করোনা ভাইরাস	৪০,৬০০

COVID-19

Panchanan Maiti, Ph.D.
Principal Research Scientist, Ascension St. Mary's Hospital, Saginaw, MI, USA
Adjunct Faculty, Dept. of Psychology, Central Michigan University, Mt. Pleasant, MI, USA
Graduate Faculty member - Neuroscience program, Central Michigan University, MI, USA
Instructor, Brain Research, Central Michigan University, MI, USA
Adjunct Faculty, National Institute of Mental Health, Hyderabad, India

Goaltore College: 10/11/2020

Seven types of Corona virus infect human

1965: UK → 1966: Chicago → 1967: NIH

1968: USA

SARS-CoV 2002 GUANGDONG CHINA

HCoV-NL63 2004 HOLLAND

HCoV-229E 2005 HONG KONG

2019-nCoV 2019 GUANGDONG CHINA

SARS COV-2 is the most infectious species

Detection of COVID-19

1. RNA levels (RT-PCR)
2. COVID-antibody (ELISA)
3. CRISPR technology

THERE ARE SEVEN KNOWN CoVs THAT CAN INFECT HUMANS

Molecular

Serology

CRISPR technology