

## Activity report of Seminars/conferences/workshops conducted during the year 2020-2021

	Year	Name of the workshop/ seminar	Number of Participants	Date From – To
1	2020	Two-day International Webinar on COVID 19: Impact, Preventive Measures and Best Practices	450	21-22 June
2	2020	Two-day International Conference on Recent Trends in Basic and Applied Sciences	200	6-7 July
3	2020	State level Webinar on Digital Image Analysis Techniques for Real life problem solving	350	27th July
4	2020	International Webinar on Emergence of RNA World	260	10th Aug
5	2020	International Webinar on Machine Learning	210	24th Aug
6	2020	International Webinar on Cosmology	300	23th Sept
7	2020	Webinar on An Expedition to Antarctica	700	28th July
8	2020	National Level Webinar on Restoring Economic Growth taking stock of Business Strategies and Economic Policy	150	23rd July
9	2020	Two-day International Web Conference on Challenges and Opportunities in Chemistry towards Sustainable Environmental Developments	170	17-18th July
10	2020	State level Webinar on Post Pandemic Teaching Learning Method: A Paradigm Shift	350	15th June
11	2020	International Webinar on Plasma Physics	350	27th June
12	2020	Library Services During Covid 19 Pandemic: Strategies for Academic Libraries	88	20th Aug
13	2020	MOOC: Online-Teaching-Learning and Evaluation	134	24th Aug
14	2020	E-Content Creation, Organization and Management: Challenges & Ways	123	29th Aug
15	2020	Implementation of Learning Management System, Problems & Prospects	192	31st Aug
16	2020	National Policy on Education 2020 and Digital Divide	137	8th Sept
17	2020	Connecting the innovation and dissemination of the results on health issues to the common people: ways and challenges	214	10th Sept

18	2020	National Nutrition Month	112	25th sept
19	2020	The Socio-economics Implication of Covid-19 in India: Quest for Co-ordinate bail-out efforts	80	3rd July
20	2021	Two-day International Webinar on Emerging Trends in Cyber Security & Global Scientific Innovation	150	9-10 Aug
21	2021	National Webinar on Gravitation and Cosmology	100	19th July
22	2021	National Webinar on Nanoscience and Nanotechnology	100	24th June
23	2021	Two-day International Webinar on Mathematical Analysis and Riemannian Geometry	120	29-30th Sept
24	2021	One-day International Webinar on Current understanding of molecular mechanisms of some neurological diseases and their treatment	154	26th June
25	2021	"Theory of Alamkara, Adhikari and Riti( According to the views of Vamana's kavyalankara Sutravrtti )" by the Department of Sanskrit	219	3rd July
26	2021	Evolutionary telescope to explore genomics to infer future of life	52	7th August

## Report 1:

Two-day International Webinar on **“Covid 19: Impact, Preventive Measures and best Practices”**

**organized by the Department of Physics held on 21.06.20-22.06.20 via Zoom Youtube link:**

**<https://www.youtube.com/watch?v=7gOaM28F4ws>**

Department of Physics of Bhairab Ganguly College has organized a International Webinar on “Covid 19: Impact, Preventive Measures and best Practices” On 21<sup>st</sup> -22<sup>nd</sup> June 2020. Hon’ble vice Chancellor of WBSU, Prof. Basab Chaudhuri has inaugurated the session. In the technical session, the Keynote lecture was delivered by Prof. Dhrubajyoti Chattopadhyay. 5 Resource person from all over the globe has enlightened us from their own expertise.

Around 450 participants joined the webinar and interacted vividly during the Q & A session

Finally, vote of thanks to all distinguished guests, Vice Principal, members of organizing committee and all participants was delivered by Dr. S. Majumder, Assistant Professor, Department of Chemistry, organizing secretary of the Webinar. Hope that gracious presence and precious lectures of all honorable and renowned

speakers in the event definitely had enriched knowledge of all faculty members as well as encouraged the students to dream a better future ahead. The event was a resounding success.

Signature of In-Charge  
Dept. of Physics

A handwritten signature in blue ink, appearing to be "S. K. Srinivas", is located at the bottom left of the page.

# BHAIRAB GANGULY COLLEGE

RUSA Funded grade 'A' College by NAAC  
Belghoria, Kolkata 700056



## Two-day International Webinar on “COVID 19: Impact, Preventive measures and Best Practices”

21<sup>st</sup> & 22<sup>nd</sup> June, 2020



### About the webinar:

The Covid-19 pandemic has struck the world and resulted in a global crisis in health, medicine and economy resulting in a huge impact on demography. This webinar will gauge the impact of the pandemic, explore the measures taken to prevent its spread and discuss potential advancement in development of vaccines. All in all the webinar will be a realistic glance at the prices caused by the COVID-19 pandemic and how it impacts a day to day life.

### Organized by:

Department of Physics,  
Bhairab Ganguly College  
In association with IQAC

### Sponsored by:

Bhairab Ganguly College  
Web: [www.bhairabgangulycollege.ac.in](http://www.bhairabgangulycollege.ac.in)  
E-mail: [bhairab1968@gmail.com](mailto:bhairab1968@gmail.com)



Registration is free and  
E-certificates only for  
registered participants

ALL ARE CORDIALLY INVITED

### Inaugurated by:



Prof. Basab Chaudhuri,  
Hon'ble Vice Chancellor WBSU

### Keynote Speaker:



Prof. Dhruvajyoti Chattopadhyay  
Hon'ble Vice Chancellor Sister Nivedita University

### Resource Persons:



Dr. Gargi Bandyopadhyaya,  
Research Scientist  
Yeshiva University,  
New York, USA



Dr. Nirmalya Dasgupta,  
Postdoctoral Associate  
Sanford Burnham Prebys  
Medical Discovery Institute  
Medical Discovery Institute,  
La Jolla, California, USA



Dr. Sumita Goswami,  
Senior Researcher  
Almascience  
Portugal



Dr. Tanmoy Chakraborty,  
Postdoctoral fellow  
MRC center for  
Medical Mycology  
University of Exeter, UK



Dr. Riya Bose,  
Post-Doctoral  
Research Associate  
University of Texas  
at Dallas

### Registration link:

<https://forms.gle/4EKG7YHscwBHDqd68>

### Organizing Committee:

**Patron:** Dr. S.K.Das, Vice Principal  
Dr. S. Dewan, Coordinator, IQAC

**Organizing Secretary:** Dr. S. Majumder

**Jt. Secretary:** Dr. R.K.Grewal

**Convener:** Dr. D. Bhadra

**Co-convenor:** S. Sarkar

**Treasurer:** M. Halder

**Contacts:** 9433205914, 7044164721, **E-mail:** [bhadra.bgc@gmail.com](mailto:bhadra.bgc@gmail.com), [samitmaj@gmail.com](mailto:samitmaj@gmail.com)

## Report 2:

Two-day International Webinar on “Recent Trends in Basic and Applied Sciences”

organized by the Department of Physics in collaboration with Dept. of

Physics, DumDum Motijheel College held on 06.07.20-07.07.20 via Zoom Youtube link:

<https://www.youtube.com/watch?v=9gmqI48vKoE>

<https://www.youtube.com/watch?v=ujTWW427mbA>

<https://www.youtube.com/watch?v=RmHE8TwH5jU>

Department of Physics of Bhairab Ganguly College and DumDum Motijheel College has organized an International Webinar on “Recent Trends in Basic and Applied Sciences” On 6<sup>th</sup> -7<sup>th</sup> July 2020. Hon'ble Vice Chancellor Prof. B. Chaudhuri has inaugurated the session along with welcome address by The Principal, DDMC and Vice principal of BGC. In the technical session, the Keynote lecture was delivered by Prof. Sushanta

DattaGupta, Former Director, IISER Kolkata. He has enlightened the audience on “**Graphene and other 2D materials**”. 7 other Resource person across the Globe has given their insight of their respective expertise.

Around 200 participants joined the webinar and interacted vividly during the Q & A session

Finally, vote of thanks to all distinguished guests, Vice Principal, members of organizing committee and all participants was delivered by S. Sarkar, Assistant Professor, Department of Physics, Joint-convenor of the Webinar. Hope that gracious presence and precious lectures of all honorable and renowned speakers in the event definitely had enriched knowledge of all faculty members as well as encouraged the students to dream a better future ahead. The event was a resounding success.

Signature of In-Charge

Dept. of Physics





**VirtCon2020**  
**Two-day International Conference**



on  
*"Recent Trends in  
Basic and Applied Sciences"*

**6<sup>th</sup> & 7<sup>th</sup> July, 2020**

*Jointly organized by:*

Department of Physics, Bhairab Ganguly College

*In association with*

Department of Physics, Dum Dum Motijheel College



**About the Conference**

The Organizing Committee welcomes you all to the 1st Virtual e-conference VirtCon 2020 on "Recent Trends in Basic and Applied Sciences" scheduled to be held on 6<sup>th</sup> & 7<sup>th</sup> July, 2020. The theme of the conference is "Highlighting innovations and recent trends in Basic and Applied sciences". The COVID-19 pandemic has made online teaching and learning 'the new normal'. It is no wonder then that webinars and virtual conferences have been the mode of engaging and exchanging new ideas for self-enrichment.

The Organizing Committee envisions a conference that brings people together who share a passion for their subject. VirtCon 2020 will be a day of insightful and interesting sessions which will be useful in expanding knowledge of the field and generating new ideas to improve yourself and your professional career. The conference will provide the participants with an opportunity to extend their information in the subject and interact with experts in the field of Basic and Applied Sciences.

**Chief Patron**

: Prof. Basab Chaudhuri, Hon'ble Vice Chancellor, WBSU

**Patron**

: Dr. Pradeepta Guptaroy, Principal, Dum Dum Motijheel College

: Dr. Sanjit Kumar Das, Vice Principal, Bhairab Ganguly College

**Convener**

: S. Sarkar, Assistant Professor, Dept. of Physics, BGC

**Co-convenor**

: Dr. K. Biswas, Assistant Professor, Dept. of Physics, DDMC

**Organizing Secretary**

: Dr. D. Bhadra, In-Charge, Dept. of Physics, BGC

**Moderator**

: Dr. Abul Salam

**Treasurer**

: M. Halder

**Publications Sub-Committee:**

Dr. T. Mukherjee

Dr. T. Sur

Dr. R. Mukhopadhyay

Dr. B. Halder

A. Nayek

Dr. S. Majumder

**Peer Review Team:**

Dr. S. Chakraborty

Dr. R. Majumder

Dr. A. Ghosh

Dr. R. K. Grewal

Dr. S. Shome

Dr. S. Pal

Dr. L. Dhal

**Advisory Committee:**

Dr. Probir Ghosh Dastidar, Advisor,

Indian Polar Research Program, MoES

Prof. Sumit Homechaudhuri, University of Calcutta

Prof. Nitin Chattopadhyay, Jadavpur University

Prof. B.K. Chaudhuri, CRCT, Jadavpur University

Prof. Tapas Das, HRI Prayagraj

Dr. Bibhas Bhattacharyya, West Bengal State University

Dr. Dirtha Sanyal, Variable Energy Cyclotron Centre

Prof. Barun Roy Chowdhury, Presidency University

Dr. B. Chaudhuri, UEM Kolkata

**Registration Fees:** Rs. 500/- only for Faculty members

Rs. 200/- only for Research Scholars

Rs. 1000/- for Industry Persons

**Registration FREE for STUDENTS**

**ALL ARE CORDIALLY INVITED**

## Report 3:

International Webinar on **“Electrical Signal, Electronics & Instrumentation”**

**organized by the Department of Physics held on 27.07.20 via Zoom from 6-8 pm**

Department of Physics of Bhairab Ganguly College is organizing a International Webinar on “Electrical Signal, Electronics & Instrumentation” On 27<sup>th</sup> July 2020. In the technical session, the lecture was delivered by Dr. Debangshu Dey, Associate Professor, Dept. of electrical Engineering, Jadavpur University. He has enlightened the audience on **“Application on Digital Image Analysis Techniques for real life Problem Solving”**.

Around 350 participants joined the webinar

and interacted vividly during the Q & A session

Finally, vote of thanks to all distinguished committee and all participants was delivered



guests, Vice Principal, members of organizing by S. Sarkar, Assistant Professor, Department of

Physics, Joint-convenor of the Webinar. Hope that gracious presence and precious lectures of all honorable and renowned speakers in the event definitely had enriched knowledge of all faculty members as well as encouraged the students to dream a better future ahead. The event was a resounding success.

Signature of In-Charge

Dept. of Physics

# State Level Webinar

on  
Electrical Signals, Electronics & Instrumentation  
Organized by  
Department of Physics, Bhairab Ganguly College



## Speaker:



*Title: Applications  
of Digital Image  
Analysis  
Techniques for Real  
Life Problem  
Solving*

**Dr. Debangshu Dey**  
Assistant Professor, Department of Electrical Engineering  
Jadavpur University  
❖ Research Area  
Signal Processing  
Condition Monitoring  
Intelligent Instrumentation

Join Via Zoom  
Link to be  
provided soon

No Registration Fee  
E-certificate for  
registered  
participants only

Date of  
Webinar  
27<sup>th</sup> July,  
2020  
Monday  
Time: 6  
P.M. IST

Registration Link: <https://forms.gle/Cs3VKWyabULCXZBW9>

Contact details:

S. Sarkar  
Convener

E-mail: [hodphysics.bgc@gmail.com](mailto:hodphysics.bgc@gmail.com)

College email: [bhairab1968@gmail.com](mailto:bhairab1968@gmail.com)

Website: [bhairabgangulycollege.ac.in](http://bhairabgangulycollege.ac.in)

Dr. D. Bhadra  
HOD, Physics

Dr. S.K.Das  
Vice Principal

❖ We have capacity to accommodate ONLY 100 participants. Zoom webinar participation is on a First cum First serve basis, please join session min 10 minutes in advance. Remaining Interested participants can also join us YouTube Live

ALL ARE CORDIALLY INVITED

R  
ep  
or  
t  
4:

Inter  
nati  
onal  
Web  
inar  
on  
“Bi  
o-  
Phy  
sics  
”  
-  
org  
aniz  
ed  
by  
the  
Dep  
art  
men  
t of  
Phy



sics held on 10.08.20 via Zoom from 10.30-12.30 pm Youtube link: <https://www.youtube.com/watch?v=L-oIDkNsZfk>

Department of Physics of Bhairab Ganguly College is organizing a International Webinar on “Bio-Physics” On 10<sup>th</sup> Aug 2020. In the technical session, the lecture was delivered by Dr. Ranajay Saha, Assistant Project Scientist, UCLA, USA. He has enlightened the audience on “**The Emergence of RNA World**”.

Around 260 participants joined the webinar and interacted vividly during the Q & A session

Finally, vote of thanks to all distinguished guests, Vice Principal, members of organizing committee and all participants was delivered by S. Sarkar, Assistant Professor, Department of Physics, Joint-convenor of the Webinar. Hope that gracious presence and precious lectures of all honorable and renowned speakers in the event definitely had enriched knowledge of all faculty members as well as encouraged the students to dream a better future ahead. The event was a resounding success.



Signature of In-Charge

Dept. of Physics

# International Webinar on Biophysics

Organized by  
Department of Physics, Bhairab Ganguly College



**Speaker:**



*Title: The  
Emergence  
of RNA  
World*

**Dr. Ranajay Saha**

Assistant Project Scientist

University of California, Los Angeles

Research Area

Spectroscopy

Molecular Biology

Cell culture

Join Via Zoom  
Link to be  
provided soon

No Registration Fee  
E-certificate for  
registered  
participants only

Date of  
Webinar  
10<sup>th</sup> Aug,  
2020  
Monday  
Time:  
10.30  
A.M. IST

Registration Link: <https://forms.gle/W4sY6sxRUQSW31Gy7>

Contact details:

College email: [bhairab1968@gmail.com](mailto:bhairab1968@gmail.com)

Website: [bhairabgangulycollege.ac.in](http://bhairabgangulycollege.ac.in)

S. Sarkar

Dr. D. Bhadra

Dr. S.K.Das

Convener

HOD, Physics

Vice Principal

E-mail: [hodphysics.bgc@gmail.com](mailto:hodphysics.bgc@gmail.com)

❖ We have capacity to accommodate ONLY 100 participants. Zoom webinar participation is on a First cum First serve basis, please join session min 10 minutes in advance. Remaining Interested participants can also join us YouTube Live

**ALL ARE CORDIALLY INVITED**

## Report 5:

International  
Webinar  
on  
“Machine  
learning”

organized by the  
Department of  
Physics  
held on  
24.08.20  
via  
Zoom  
from 6-8  
pm  
Youtube  
link:  
<https://youtu.be/Fpx9uKZj3N0>

Department of  
Physics  
of  
Bhairab  
Ganguly  
College  
is  
organizing a

International Webinar on “Plasma Physics” On 27<sup>th</sup> June 2020. In the technical session, the lecture was delivered by Dr. Anushree Ghosh, Post Doc Research Scholar, Italy. She has enlightened the audience on “**Machine learning Meets Physics**”.

Around 210 participants joined the webinar and interacted vividly during the Q & A session

Finally, vote of thanks to all distinguished guests, Vice Principal, members of organizing committee and all participants was delivered by S. Sarkar, Assistant Professor, Department of Physics, Joint-convenor of the Webinar. Hope that gracious presence and precious lectures of all honorable and renowned speakers in the event definitely had enriched knowledge of all faculty members as well as encouraged the students to dream a better future ahead. The event was a resounding success.

Signature of In-Charge

Dept. of Physics

A handwritten signature in blue ink, appearing to be 'S. Sarkar', is written on a light blue horizontal line.

# Machine Learning

Organized by  
Department of Physics, Bhairab Ganguly College



## Speaker:



## *Title:* *Machine Learning meets Physics*

### Dr. Anushree Ghosh

Postdoctoral Researcher

Universita degli Studi di Padova, Italy

❖ Research Area

Machine Learning

Particle Physics

Join Via Zoom  
Link to be  
provided soon

No Registration Fee  
E-certificate for  
registered  
participants only

Date of  
Webinar  
24<sup>th</sup> Aug,  
2020  
Monday  
Time: 6  
P.M. IST

Registration Link: <https://forms.gle/E2vfjEfxGxzbrfKaA>

Contact details:

S. Sarker  
Convener

E-mail: [hodphysics.bgc@gmail.com](mailto:hodphysics.bgc@gmail.com)

College email: [bhairab1968@gmail.com](mailto:bhairab1968@gmail.com)

Website: [bhairabgangulycollege.ac.in](http://bhairabgangulycollege.ac.in)

Dr. D. Bhadra  
HOD, Physics

Dr. S.K.Das  
Vice Principal

## Report 6:

National Webinar on “Cosmology”

organized by the Department of Physics held on 23.09.20 via Zoom from 5-6.30 pm Youtube link:  
<https://www.youtube.com/watch?v=HOs88WnZeEM>

Department of Physics of Bhairab Ganguly College is organizing a National Webinar on “Cosmology” On 23<sup>rd</sup> September 2020. In the technical session, the lecture was delivered by Dr. Dhiraj Hazra, Faculty, The Inst of Mathematical Sciences, Chennai. He has enlightened the audience on “**bserving the origin and the Evolution of our Universe**”.

Around 300 participants joined the webinar and interacted vividly during the Q & A session

Finally, vote of thanks to all distinguished guests, Vice Principal, members of organizing committee and all participants was delivered by S. Sarkar, Assistant Professor, Department of Physics, Joint-convenor of the Webinar. Hope that gracious presence and precious lectures of all honorable and renowned speakers in the event definitely had enriched knowledge of all faculty members as well as encouraged the students to dream a better future ahead. The event was a resounding success.



Signature of In-Charge

Dept. of Physics



# National Webinar

on

## Cosmology

Organized by

Department of Physics, Bhairab Ganguly College



### Speaker:



### Title:

*Observing the  
origin and the  
evolution of  
our Universe*

**Dr. Dhiraj Kumar Hazra**

Faculty

Theoretical Physics, The Institute of  
Mathematical Sciences

- ❖ Research Area
- ❖ Inflationary cosmology
- ❖ Dark energy
- ❖ Degeneracies in cosmology

Join Via Zoom  
Link to be  
provided soon

**No Registration Fee**  
**E-certificate for**  
**registered**  
**participants only**

**Date of  
Webinar:**  
**23<sup>th</sup> Sept,**  
**2020**  
**Wednesday**  
**Time: 5 P.M.**

Registration Link: <https://forms.gle/iK5ivymAGBwt33u2A>

Contact details:

**S. Sarkar**  
Convener

E-mail: [hodphysics.bgc@gmail.com](mailto:hodphysics.bgc@gmail.com)

College email: [bhairab1968@gmail.com](mailto:bhairab1968@gmail.com)

Website: [bhairabgangulycollege.ac.in](http://bhairabgangulycollege.ac.in)

**Dr. D. Bhadra**  
HOD, Physics

**Dr. S. K. Das**  
Vice Principal

❖ *We have capacity to accommodate ONLY 100 participants. Zoom webinar participation is on a First cum First serve basis, please join session min 10 minutes in advance. Remaining Interested participants can also join us YouTube Live*

**ALL ARE CORDIALLY INVITED**

**Re  
por  
t 7:**

**Webi  
nar  
Title:**  
An  
Exped  
ition  
to  
Antarc  
tica

**Date  
and  
Time:**  
28<sup>th</sup>  
July;  
10:30  
am to  
12:00  
Noon

**Speak  
er:**  
Dr.  
Punar  
basu  
Chaud  
hury.

**Mode:**  
Online  
(Gmee  
t and  
Youtu  
be  
Live)

**Sum  
mary**

A  
nation  
al  
webin

an entitled “An Expedition to Antarctica” was arranged by department of Zoology during pandemic period through online mode. Around 700 participants from all over India attended the said event. Dr. Punarbasu Chaudhury, Assistant Professor, Department of Environmental Science, University of Calcutta, was the speaker of the day. Dr. Sanjit Kumar Das was chief patron for the said event. Dr. Anulipi Aich, In-Charge of the department and Dr. Saurav Shome, Assistant Professor was Convener and Co-convener respectively. Respected speaker was introduced to the audience by Dr. Saurav Shome.

Speaker mainly focused on the details of expedition to Antarctica starting from how it began with the defense of project for funding to the description on how the whole journey was met up. He had given an excellent presentation with many real images along with the minute details of his work there. He discussed about the research infrastructure of Indian Work station in Antarctica and the geographical and climatic aspect of the place. He discussed about his research topic also. After the speech there was an outstanding response from the audience. Many relevant queries regarding ‘how to apply’ and ‘where to apply’ were raised by the student participants. Every question was answered by the speaker in detail. Smt. Triparna Chakraborty and Sri Tathagata Bhattacharya moderated the question answer session. Vote of thanks was given by Dr. Subharthi pal.



**DEPARTMENT OF ZOOLOGY**  
**BHAIRAB GANGULY COLLEGE**  
**Presents**



**Registration is free  
but mandatory  
within 26<sup>th</sup> July**

**E-certificate on  
submission of  
feedback form**

**A WEBINAR ON**  
**AN EXPEDITION TO ANTARTICA**  
**28<sup>th</sup> JULY, 2020**  
**10:30 AM TO 12:00 PM**







**Speaker**  
*Dr. Punarbasu Chaudhuri*  
*Assistant Professor*  
*Dept. Of Environmental Science*  
*University of Calcutta*

**Patron:** *Dr. Sanjit Kumar Das, Vice-Principal, BGC*

**Convener:** *Dr. Anulipi Aich, Assistant Professor and HOD, Dept of Zoology*

**Co-convener:** *Dr. Saurav Shome, Assistant Professor, Dept. of Zoology*

**Organizing Committee**  
*Dr. Subharthi Pal*  
*Smt. Triparna Chakraborty*  
*Sri. Tathagata Bhattacharya*  
*Sri. Sukanta Roy*  
*Sri. Dilip Bhattacharya*  
*Sri. Aloke Datta*



**Link:**  
**Moderator:** *Dr. Mintu Halder, Librarian & Bursar,*  
*Bhairab Ganguly College*  
*Dr. Abul. Salam, Librarian, Shibpur*  
*Dinobundhoo Institution (College), Howrah*

**Zoom capacity to accommodate participants is only 100, thus function as a first come first serve basis. Rest participants can join through you tube live**  
**Contact details: Dr. Anulipi Aich; +919433318240**

**WEBINAR PLATFORM**




## Report 8:

Department of Commerce, BhairabGanguly College had organized a National Level Webinar on “Restoring Economic Growth: Taking Stock of Business Strategies and Economic Policy on 23rd July, 2020. The programme started with inaugural speech of Dr. Sanjit Kumar Das, the then Vice-Principal of Bhairab Ganguly College. Three

eminent resource persons through their speech identified strategies that we have to take for restoring our economic growth and for our survival. Professor Saumen Chattopadhyay had thrown light on the economic policies that our country should adopt for survival during pandemic situation and the policies that we have to pursue after pandemic situation for faster growth. On the other hand, Professor Debdas Rakshit identified the business strategies that business concern should adopt for survival during pandemic situation. Professor Debdas Rakshit in his speech categorically mentioned survival strategies for Multinational Companies, medium scale business concern and MSME since supply of output and employment are associated with the survival of the companies during such critical time. Further, Dr. Somnath Hazra in his speech had focused on the environmental aspects and sustainability of the business across the world, heavy use of natural resources and emission of GHGs largely affect sustainability of the society in the long run.

Question-Answer sessions were there and many of the participants have cleared their doubts. Almost 126 persons across the states of India participated in this webinar out of which 85 were faculty members and the rest research scholars and students.

The programme ended with vote of thanks given by one of the joint conveners Dr. Surajit Sengupta, Assistant Professor, Department of Commerce, Bhairab Ganguly College. Feedback from the participants had clearly revealed the success of the Webinar.





REGISTRATION IS FREE

## PROGRAMME SCHEDULE

Inauguration(11.00AM-11.10AM)

InauguralSpeech:Dr.SanjitKumarDas(Vice

-

Principal,BhairabGangulyC  
ollege)(11.10AM-  
11.55PM)

Dr.DebdasRakshit,Professor,Departmento  
fCommerce,UniversityofBurdwan.  
(11.55PM-12.45PM)

Dr.SaumenChattopadhyay,Professor,Zakir  
Husain Centre for Educational  
Studies,SchoolofSocialSciences,Jawaharl  
alNehruUniversity(JNU),Delhi.

(12.45PM-01.15PM)

Dr. SomnathHazra,, Faculty member,  
SchoolofOceanographic  
Studies,JadavpurUniversi-ty and Faculty  
membe of International

## WEBINAR PLATFORM





# Bhairab Ganguly College



Dr. Saumen Chattopadhyay,  
Professor,

NATIONAL LEVEL WEBINAR ON

## RESTORING ECONOMIC GROWTH: TAKING STOCK OF BUSINESS STRATEGIES AND ECONOMIC POLICY

Department of Commerce, Bhairab Ganguly College



ORGANIZING COMMITTEE

PROGRAMME COMMITTEE

PROGRAMME  
CO-ORDINATOR



## Report 9:

International Webinar on **“CHALLENGES AND OPPORTUNITIES IN CHEMISTRY TOWARDS SUSTAINABLE ENVIRONMENTAL DEVELOPMENT”**

**organized by the Department of CHEMISTRY held on 17.07.20-18.07.20 via GOOGLE MEET from 10AM-5 PM CONFERENCE WEBSITE link:<http://sites.google.com/view/iw-cocsed>**

Department of Chemistry of Bhairab Ganguly College is organizing a International Webinar on challenges and opportunities in chemistry towards sustainable environmental development. In the technical session, the lectures were delivered by Dr. Rahul Banerjee, Dr. Ramendra Sundar Dey, Dr.(Mrs) Sadhana Rayalu; Prof. Suresh C. Pillai; Dr Rohidas B Arote; Dr. Debashree Khan; Dr. Sukdeb pal; Dr. Dipanjan Majumder.

Around 100 participants joined the webinar and interacted vividly during the Q & A session

Finally, vote of thanks to all distinguished guests, Principal, members of organizing committee and all participants was delivered by S. Dhara, Assistant Professor, Department of Chemistry, Joint-convenor of the Webinar. Hope that gracious presence and precious lectures of all honorable and renowned speakers in the event definitely had enriched knowledge of all faculty members as well as encouraged the students to dream a better future ahead. The event was a resounding success.


Signature of In-Charge

Dept. of Chemistry





**IW-COCSED**  
2020

17th - 18th July, 2020



**TWO DAY INTERNATIONAL WEB CONFERENCE ON  
"CHALLENGES AND OPPORTUNITIES IN CHEMISTRY  
TOWARDS SUSTAINABLE ENVIRONMENTAL DEVELOP-  
MENTS" ON 17TH -18TH JULY, 2020**



**वीरी  
NEERI**

**JOINTLY ORGANIZED BY**

**DEPARTMENT OF CHEMISTRY, BHAIRAB GANGULY COLLEGE  
&  
CSIR-NATIONAL ENVIRONMENTAL ENGINEERING RESEARCH INSTITUTE, NAGPUR**

**CHIEF PATRON:**



**DR. RAKESH KUMAR,  
DIRECTOR, CSIR-NEERI.**



**PATRON**

**Dr. Sanjit Kr. Das  
Vice-Principal  
Bhairab Ganguly College**



**ABOUT THE WEBINAR**

The proposed webinar entitled "New Challenges and Opportunities in (Materials) Chemistry towards Sustainable Environmental Developments" aims to serve as a platform to discuss and learn about new challenges & opportunities in chemistry and its projected applications in environmental applications. The objective is to bridging the gap between chemists and environmentalists through brisk exchange of knowledge's on novel materials, nano-chemistry, and other basic principles involved in Chemistry and how the knowledge can be applied to achieving sustainable environmental development.

In the light of this theme, the webinar will provide a forum for international researchers from various areas of chemistry, materials science, environmental science and engineering by providing a platform for critical analysis of new designing, and to share latest cutting-edge research findings and results about projected environmental applications of Chemistry. This webinar welcomes all chemical & environmental professionals, researchers, academicians, scientific communities, students and executives and includes prompt Keynote presentations, Oral presentations.

**ORGANIZING COMMITTEE**

**ORGANIZING SECRETARY**  
DR. RAJESH KONER, ASSISTANT PROFESSOR, DEPT. OF CHEMISTRY, BHAIRAB GANGULY COLLEGE

**CONVENER**  
DR. SHUBHENDU DHARA, ASSISTANT PROFESSOR, DEPT. OF CHEMISTRY, BHAIRAB GANGULY COLLEGE

**JOINT CONVENER**  
DR. AVIJIT SARKAR, ASSISTANT PROFESSOR, DEPT. OF CHEMISTRY, BHAIRAB GANGULY COLLEGE.

**COORDINATORS**  
DR. RITA DHODAPKAR, SCIENCE SECRETARY, CSIR-NEERI  
PRINCIPAL TECHNICAL OFFICER, DIRECTOR'S RESEARCH CELL, CSIR-NEERI; FACULTY, ACSIR, &

DR. SUKDEB PAL, SENIOR SCIENTIST, CSIR-NEERI & ASSISTANT PROFESSOR, CHEMICAL SCIENCES, ACSIR

**TREASURER**  
MR. MINTU HALDER, ASSISTANT PROFESSOR, LIBRARY SCIENCE, BHAIRAB GANGULY COLLEGE.

**MODERATOR** - DR. ABUL SALAM, LIBRARIAN, SHIBPUR DINOBUDDHOO INSTITUTION (COLLEGE), SHIBPUR, HO RAH

**ORGANIZING MEMBERS:**

- Dr. Sukdeb Pal, Senior Scientist, Wastewater Technology Division, CSIR-NEERI
- Dr. Gopal Ch. Giri, Associate Professor, Dept. of Chemistry, BhairabGanguly College
- Dr. Suparna Guha, Assistant Professor, Dept. of Chemistry, BhairabGanguly College
- Dr. Rajesh Koner, (In-charge) Assistant Professor, Dept. of Chemistry, BhairabGanguly College
- Dr. Subhendu Dhara, Assistant Professor, Dept. of Chemistry, BhairabGanguly College
- Dr. Samit Majumder, Assistant Professor, Dept. of Chemistry, BhairabGanguly College
- Mr. Sagnik Ghosh, SACT-II, Dept. of Chemistry, BhairabGanguly College

**ADVISORY COMMITTEE:**

- Dr. Rakesh Kumar, Director, CSIR-NEERI**
- Dr. Mahendra Patil, Chief Scientist & Head, Wastewater Technology Division, CSIR-NEERI
- Dr. Deepanjan Majumdar, Principal Scientist & Head, Kolkata Zonal Centre, CSIR-NEERI
- Prof. Nitin Chattopadhyay, Dept. of Chemistry, Jadavpur University
- Prof. Sasankasekhari Mohanta, Dept. of Chemistry, University of Calcutta
- Prof. Dilip Kumar Maiti, FRSC, Dept. of Chemistry, University of Calcutta
- Dr. Jnan Prakash Naskar, Professor, Dept. of Chemistry, Jadavpur University
- Prof. Mukut Chakraborty, Dept. of Chemistry, West Bengal State University

**RESOURCE  
SPEAKER**



**Dr. R. Kumar**  
Director  
CSIR-National Environmental  
Engineering Research Institute  
(NEERI)  
Or His nominated Member.  
Such as  
Coordinator, CSIR-NEERI

**INAUGURAL ADDRESS**



**WELCOME ADDRESS**



**SPEAKERS**





Dr. Jnan Prakash Naskar, Professor, Dept. of Chemistry, Jadavpur University  
Prof. Mukut Chakraborty, Dept. of Chemistry, West Bengal State University

**INAUGURAL ADDRESS**

**WELCOME ADDRESS**

**SPEAKERS**

**Dr. R. Kumar**  
Director  
CSIR-National Environmental Engineering Research Institute (NEERI)  
Or His nominated Member  
Such as  
Science Secretary, CSIR-NEERI

**Dr. Sanjit Kr. Das**  
Vice-Principal  
Bhairab Ganguly College

**Dr. Rajesh Kumar**, Organizing Secretary  
Dept. of Chemistry  
Bhairab Ganguly College

**Prof. Suresh C. Pillai, PhD, MBA, FIMMM, FRMS**  
Centre for Precision Engineering, Materials and Manufacturing Research & Nanotechnology and Bio-Engineering Research Division, Department of Environmental Science, Institute of Technology, Sligo, Ash Lane, Sligo, Ireland

**Dr. Rahul Banerjee, FRSC**  
Associate Professor  
Department of Chemical Sciences  
Indian Institute of Science Education and Research (IISER) Kolkata

**Dr. Ramendra Sundar Dey**  
Scientist-C  
Institute of Nano Science and Technology

**Dr. Sadhana Rayalu**  
Chief Scientist & Head  
Environmental Materials Division,  
CSIR-National Environmental Engineering Research Institute (NEERI)  
E-mail: s\_rayalu@neeri.res.in

**Dr. Rohidas B. Arute**  
Associate Professor  
School of Dentistry  
Seoul National University, Republic of Korea  
E-mail: rohidas@snu.ac.kr

**Conference website :** <https://sites.google.com/view/iw-cocsed>

#### REGISTRATION PROCESS

Webinar will have invited lectures as well as paper presentation and will be conducted in virtual mode through Microsoft TEAMS platform. Students, Teachers, Research Scholars, Students and Members from Civil Society, may participate subject to the conditions that they will participate in the deliberation in all two days keeping their microphone and video off during the lectures. The meeting code will be sent to the participants after successful registration. E-certificates will be provided to registered participants after successful submission of feedback form. For registration, click on the given link available at college website/facebook.

#### CAL FOR PAPER FOR AN EDITED VOLUME WITH ISBN TO BE PUBLISHED

The Webinar Advisory Committee is pleased to invite students, teachers, Faculty members, research scholars of any branch of Science to submit abstracts, relevant to the title of the Webinar, for oral presentation. All abstracts will be reviewed by members of the Advisory Committee and assigned to the appropriate session for presentation.

#### REGISTRATION FEES

- ⇒ Faculty Members: Rs. 500/- (only for paper presentation)
- ⇒ Research Scholar: Rs. 200/- (only for paper presentation)
- ⇒ Only for participation: Free

Registration Link : <https://forms.gle/vDmeUi9tgdPQB48A>

#### IMPORTANT DATES

Last date of registration: 15.07.2020  
Last date of submission of abstract: 14.07.2020  
Notification of acceptance of abstract: 15.07.2020

#### Bank Details:

Account Name: Bhairab Ganguly College  
Venue Hiring Fund  
Name of the Bank: Union Bank of India,  
Belgharia Branch  
Account No: 753202010002092  
Ifsc code: UBIN0575321

#### VOTE OF THANKS

#### SPEAKER

#### SPEAKERS

#### FOR ANY ENQUIRY PLEASE CONTACT

**Dr. Avijit Sarkar**  
Dept. of Chemistry, Bhairab Ganguly College  
Whatsapp No: 9830185037  
E-mail: [webinar.chembgc@gmail.com](mailto:webinar.chembgc@gmail.com)

**Dr. Shubhendu Dhara**  
Dept. of Chemistry, Bhairab Ganguly College  
Whatsapp No: 9083790612  
E-mail: [webinar.chembgc@gmail.com](mailto:webinar.chembgc@gmail.com)

## Report 10

State level Webinar on **“Post Pandemic Teaching learning Method: A Paradigm Shift”**

organized by the IQAC in collaboration with Habra Sree Chaitanya College, Habra held on 15.06.20 via streamyard from 11-4.30pm Youtube link:

<https://www.youtube.com/watch?v=jSh75vVkpKU&feature=youtu.be>

<https://www.youtube.com/watch?v=1OLolgQWj8Q>

IQAC of Bhairab Ganguly College in collaboration with Habra Sree Chaitanya College has organized a State level Webinar on “Post Pandemic Teaching learning Method: A Paradigm Shift” on 15<sup>th</sup> June 2020. Welcome address was given by Dr. D. Bhadra as organizing secretary followed by introductory address by Vice principal of BGC and Principal of HSC.

In the technical session, the 1<sup>st</sup> lecture was delivered by Dr. Manas Baidya, Principal, Malda College. He has enlightened the audience on **“Applications of different Add on services of Google”**.

2<sup>nd</sup> lecture was delivered by Dr. Ixmi Narayan Sathpati, Director, Academic Staff College/ HRDC, University of Calcutta. He has enlightened the audience on **“The recent glimpses of future education catering New Education Policy”**.

Around 800 participants joined the webinar and interacted vividly during the Q & A session

Finally, vote of thanks to all distinguished guests, Vice Principal, members of organizing committee and all participants was delivered by Dr. S. Dewan, Convenor of the Webinar. Hope that gracious presence and precious lectures of all honorable and renowned speakers in the event definitely had enriched knowledge of all faculty members as well as encouraged the students to dream a better future ahead. The event was a resounding success.



Signature of In-Charge

Dept. of Physics



# One-day State Level Webinar on “Post Pandemic Teaching-Learning Method: A Paradigm Shift”



Organized by  
IQAC, Bhairab Ganguly College  
in collaboration with  
IQAC, Sree Chaitanya College, Habra



## Objectives:

- To enable teachers in delivering their best through online teaching platform in post pandemic COVID-19 situation
- Utilizing online resources to maximize teaching-learning output
- Optimizing teaching processes using Google tools
- Blended Learning, Open, Online and Distance Teaching and Learning

Date of Webinar  
15<sup>th</sup> June, 2020

**No Registration  
Fee is required,  
E-certificate  
will be provided**

## Registration Link:

[https://docs.google.com/forms/d/e/1FAIpQLSeGoC6QjRffU8lXECgPa0AhQRJskmxxRKYWTmZ6c-3QQ1mKiQ/viewform?usp=pp\\_url](https://docs.google.com/forms/d/e/1FAIpQLSeGoC6QjRffU8lXECgPa0AhQRJskmxxRKYWTmZ6c-3QQ1mKiQ/viewform?usp=pp_url)

## Programme Schedule:

**Session 1:** Dr. Manas Kumar Baidya, Principal, Malda College  
15th Jun 2020 (Mon) - 11 AM - 12.30 PM

**Session 2:** Prof. L. N. Satpati, Director, UGC-HRDC,  
University of Calcutta, 15th Jun 2020 (Mon) - 3 PM - 4.30 PM

Dr. S.K.Das  
Vice Principal  
Bhairab Ganguly College

Dr. I. M. Mondal  
Principal  
Sree Chaitanya College, Habra

## Contact details:

Convener: Dr. S. Dewan (M: 7003061725)      Co-convener: Dr. D. Panigrahi (M: 9433416277)      Organizing Secretary: Dr. D. Bhadra (M: 9433205914)  
E-mail: sdewanbcp@gmail.com      dibyendupanigrahi@yahoo.co.in      bhadra.bgc@gmail.com  
College email: bhairab1968@gmail.com      sreechaitanyacollege@rediffmail.com  
Website: bhairabgangulycollege.ac.in      sreechaitanyacollege.in

❖ ZOOM ID and password will be provided after registration to attend the session.

**ALL ARE CORDIALLY INVITED**

## Report 11

International Webinar on “Plasma Physics”

organized by the Department of Physics held on 27.06.20-10.08.21 via Zoom from 7-9 pm Youtube link:  
[https://www.youtube.com/watch?v=d9Jw\\_FOrG2g](https://www.youtube.com/watch?v=d9Jw_FOrG2g)

Department of Physics of Bhairab Ganguly College is organizing a International Webinar on “Plasma Physics” On 27<sup>th</sup> June 2020. In the technical session, the lecture was delivered by Dr. Saikat Thakur Chakraborty, Associate Project Assistant, UCSD, USA. He has enlightened the audience on “**Making a Star on Earth**”.

Around 350 participants joined the  webinar and interacted vividly during the Q & A session

Finally, vote of thanks to all distinguished guests, Vice Principal, members of organizing committee and all participants was delivered by S. Sarkar, Assistant Professor, Department of Physics, Joint-convenor of the Webinar. Hope that gracious presence and precious lectures of all honorable and renowned speakers in the event definitely had enriched knowledge of all faculty members as well as encouraged the students to dream a better future ahead. The event was a resounding success.

Signature of In-Charge

Dept. of Physics

# International Webinar on Plasma Physics

Organized by  
Department of Physics, Bhairab Ganguly College



## Speaker:



## Title: *Making a STAR on EARTH*

Dr. Saikat Chakraborty Thakur  
Associate Project Scientist, PISCES Lab and  
CSDX Project  
University of California, San Diego,  
California (UCSD)

Join Via Zoom  
Link to be  
provided soon

No Registration Fee  
E-certificate for  
registered  
participants only

Date of  
Webinar  
27<sup>th</sup> June,  
2020  
Saturday  
Time: 7  
P.M. IST

Registration Link: <https://forms.gle/75EtZE6uuug7hTe9A>

Contact details:  
In-Charge, Dept. of Physics  
Dr. D. Bhadra  
(M: 9433205914)  
E-mail: [bhadra.bgc@gmail.com](mailto:bhadra.bgc@gmail.com)

College email: [bhairab1968@gmail.com](mailto:bhairab1968@gmail.com)  
Website: [bhairabgangulycollege.ac.in](http://bhairabgangulycollege.ac.in)  
Dr. S.K.Das  
Vice Principal

❖ *We have capacity to accommodate ONLY 100 participants. Zoom webinar participation is on a First cum First serve basis, please join session min 10 minutes in advance. Remaining Interested participants can also join us YouTube Live*

ALL ARE CORDIALLY INVITED

## Report 12

Webinar Director: Dr. Biplab Chakrabarti, Professor, DLIS, University of Calcutta

Key-Note Speaker: Dr. Arabinda Maity, Professor, DLIS, University of Calcutta

Patron: Dr. Sanjit Kumar Das, Vice Principal, Bhairab Ganguly College

Resource person: Dr. Subal Kumar Barui, Deputy Librarian, University of Calcutta

Ms. Bonny Ghosh, Librarian, Loreto College, Kolkata

Dr. Sudip Banerjee, Librarian, City College of Commerce & Business Administration,  
Kolkata

Dr. Asis Kumar Karan, Librarian, Kalipada Ghosh Tarai Mahavidyalaya

Conveners: Dr. Sk Abul Salam, Librarian, Shibpur Dinobundhoo Institution

Sri Mintu Halder, Librarian, Bhairab Ganguly College

Total Number of participants/Attendance: 88



**INFO-LIB ACADEMIA**  
In Collaboration with  
**Bhairab Ganguly College**  
Organizes a Webinar On  
**"LIBRARY SERVICES DURING COVID 19 PANDEMIC:  
STRATEGIES FOR ACADEMIC LIBRARIES"**  
On  
**20th August, 2020**  
at 3 p.m.

**Webinar Director**  
  
**Dr. Biplab Chakrabarti, Professor,**  
Dept. of Library and Information Science,  
University of Calcutta

**Key-Note Speaker**  
  
**Dr. Arabininda Maitty, Professor,**  
Dept. of Library and Information Science,  
University of Calcutta

**Patron**  
  
**Dr. Sanjit Kumar Das, Vice Principal**  
Bhairab Ganguly College

**Dr. Subal Kumar Barui**  
Deputy University Librarian,  
University of Calcutta

**Ms. Bony Ghosh, Librarian,**  
Loreto College, Kolkata

**Dr. Asis Kumar Karan,**  
Associate Professor Scale Librarian,  
Kalicharan Ghosh Mahavidyalaya

**Dr. Sudip Banerjee**  
Librarian, City College of Commerce and  
Business Administration, Kolkata.

**Conveners:**  
  
**Dr. Sk Abul Salam, Librarian,**  
Shibpur Dinobundhoo Institution  
(College)

**Sri Mintu Halder,**  
Librarian & Bursar,  
Bhairab Ganguly College

**Registration is Free**  
**E-Certificate will be Provided to all the Participants**

**Click to Register**

## Report 13

Webinar Director: Dr. Biplab Chakrabarti, Professor, DLIS, University of Calcutta

Key-Note Speaker: Dr. Tapan Kumar Mondal, Deputy Librarian, ISI, Kolkata

Patron: Dr. Sanjit Kumar Das, Vice Principal, Bhairab Ganguly College

Resource person: Dr. Nivedita Bhattacharyya, Asst. Prof. DLIS, Vidyasagar University

Dr. Tanmay De Sarkar, Assistant Librarian, University of Calcutta

Dr. Sk Abul Salam, Librarian, Shibpur Dinobundhoo Institution

Convener: Sri Mintu Halder, Librarian, Bhairab Ganguly College



Total Number of participants/Attendance: 134

**INFO-LIB ACADEMIA**

In Collaboration with  
**Bhairab Ganguly College**  
NAAC Accredited A

**Organizes** 24th August, 2020  
**A Webinar on** at 3 pm  
**“MOOC: Online Teaching-Learning and Evaluation”**

**Webinar Director**  
  
**Dr. Biplab Chakrabarti**  
Professor  
Dept. of Lib & Inf. Sc.  
University of Calcutta

**Patron**  
  
**Dr. Sanjit Kumar Das**  
Vice-Principal  
Bhairab Ganguly College

**Key-note Speaker**  
  
**Dr. Tapan Kumar Mondal**  
Deputy Librarian  
Indian Statistical Institute

**Speaker**  
  
**Dr. Nivedita Bhattacharyya**  
Assistant Professor  
Dept. of Lib. & Inf. Sc.  
Vidyasagar University

**Speaker**  
  
**Dr. Sk Abul Salam**  
Librarian  
Shibpur Dinobundhoo Institution  
(College)

**Convener**  
  
**Sri Mintu Halder**  
Librarian & Bursar  
Bhairab Ganguly College

**For Queries:** [infolibwebinar@gmail.com](mailto:infolibwebinar@gmail.com)  
**E-Certificate will be Provided**

**Registration is Free**

**Click to Register**

**ALL ARE CORDIALLY INVITED**

## Report 14

Webinar Director: Dr. Biplab Chakrabarti, Professor, DLIS, University of Calcutta

Key-Note Speaker: Dr. Bhaskar Mukherjee, Professor, DLIS, Banaras Hindu University

Patron: Dr. Sanjit Kumar Das, Vice Principal, Bhairab Ganguly College

Resource person: Dr. Narayan Chandra Ghosh, Librarian, IIM, Kolkata

Dr. Tapan Kumar Mondal, Deputy Librarian, ISI, Kolkata

Dr. Pritam Gurey, Librarian, The Asiatic Society

Dr. D.D.Lal, T.O, National Brain Research Centre

Conveners: Dr. Sk Abul Salam, Librarian, Shibpur Dinobundhoo Institution

Sri Mintu Halder, Librarian, Bhairab Ganguly College

Total Number of participants/Attendance: 123

**INFO-LIB ACADEMIA**

In Collaboration with  
**Central Library**  
**Bhairab Ganguly College**  
(NAAC Accredited A)

Organizes  
A National Webinar on  
**"E-Content Creation, Organization and Management: Challenges & Ways"**

29th August, 2020  
at 3 pm

**Webinar Director**  
  
**Dr. Biplab Chakrabarti**  
Professor,  
Dept. of Lib. & Inf. Sc.  
University of Calcutta

**Patron**  
  
**Dr. Sanjit Kumar Das**  
Vice-Principal  
Bhairab Ganguly College

**Key-note Speaker**  
  
**Dr. Narayan Chandra Ghosh**  
Librarian  
Indian Institute of Management,  
Calcutta

**Speaker**  
  
**Dr. Tapan Kumar Mondal**  
Deputy Librarian  
Indian Statistical Institute

**Speaker**  
  
**Dr. Pritam Gurey, Librarian**  
The Asiatic Society

**Speaker**  
  
**Dr. Bhaskar Mukherjee**  
Professor  
Dept. of Lib. & Inf. Sc.,  
Banaras Hindu University

**Conveners**  
  
**Sri Mintu Halder**  
Librarian & Bursar  
Bhairab Ganguly College

**Dr. Sk Abul Salam**  
Librarian  
Shibpur Dinobundhoo Institution  
(College)

**Dr. D. D. Lal, Technical Officer**  
National Brain Research Centre

Registration is Free

For Queries: [infolibwebinar@gmail.com](mailto:infolibwebinar@gmail.com)  
E-Certificate will be Provided

[Click to Register](#)

Webinar Director: Dr. Biplab Chakrabarti, Professor, DLIS, University of Calcutta

Patron: Dr. Sanjit Kumar Das, Vice Principal, Bhairab Ganguly College

Resource person: Dr. Parthasarathi Mukhopadhyay, Professor, DLIS, University of Calcutta

Conveners: Dr. Sk Abul Salam, Librarian, Shibpur Dinobundhoo Institution

Sri Mintu Halder, Librarian, Bhairab Ganguly College

Total Number of participants/Attendance: 192





**INFO-LIB  
ACADEMIA**

In Collaboration with  
**Central Library  
Bhairab Ganguly College**



(NAAC Accredited A)

**Organizes**

**A Webinar on**

**“Implementation of Learning Management  
System: Problems & Prospects”**

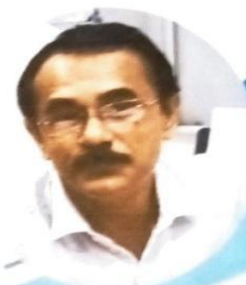
**Webinar Director**



**Dr. Biplab Chakrabarti**  
Professor,  
Dept. of Lib. & Inf. Sc.  
University of Calcutta

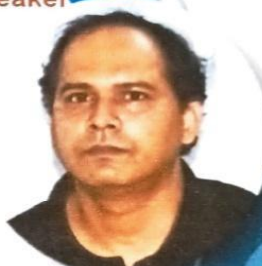
**On  
31st August, 2020  
at 11 am**

**Patron**



**Dr. Sanjit Kumar Das**  
Vice-Principal  
Bhairab Ganguly College

**Speaker**



**Dr. Parthasarathi Mukhopadhyay**  
Professor,  
Dept. of Lib. & Inf. Sc.  
University of Kalyani

**Conveners**



**Sri Mintu Halder**  
Librarian & Bursar  
Bhairab Ganguly College



**Dr. Sk Abul Salam**  
Librarian  
Shibpur Dinobundhoo Institution

**Registration is Free**

**For Queries: [infolibwebinar@gmail.com](mailto:infolibwebinar@gmail.com)**

**E-Certificate will be Provided**

**Click to Register**

## Report 16

Webinar Director: Dr. Biplab Chakrabarti, Professor, DLIS, University of Calcutta

Patron: Dr. Sanjit Kumar Das, Vice Principal, Bhairab Ganguly College

Resource person: Dr. Goutam Maity, Professor, DLIS, Jadavpur University

Dr. Durga Sankar Rath, Professor, DLIS, Vidyasagar University

Dr. Ashis Kumar Sana, Professor, Dept. of Commerce, University of Calcutta

Dr. Md. Kutubuddin Halder, Professor, Dept. of Education, University of Calcutta

Dr. Sk Rafikul Hossain, Professor, Dept. of Bengali, University of Calcutta

Dr. Susmita Chakraborty, Professor, DLIS, University of Calcutta

Dr. Mrimoy Pramanik, Asst. Professor, Dept. of CILL, University of Calcutta

Conveners: Dr. Sk Abul Salam, Librarian, Shibpur Dinobundhoo Institution

Sri Mintu Halder, Librarian, Bhairab Ganguly College

Total Number of participants/Attendance: 137







**INFO-LIB  
ACADEMIA**

In Collaboration with  
**Bhairab Ganguly College**



(NAAC Accredited A)

Organizes

A Webinar on

8th September, 2020

at 3 pm

**National Policy on Education 2020  
and Digital Divide**

Director

**Dr. Biplab Chakrabarti**  
Professor,  
Dept. of Lib. & Inf. Sc.  
University of Calcutta

Patron

**Dr. Sanjit Kumar Das**  
Vice-Principal  
Bhairab Ganguly College

Speaker

**Dr. Gautam Maity**  
Professor  
Dept. of Lib. & Inf. Sc.  
Jadavpur University

Speaker

**Dr. Durga Sankar Rath**  
Professor  
Dept. of Lib. & Inf. Sc.  
Vidyasagar University

Speaker

**Dr. Ashish Kumar Sana**  
Professor & Head  
Dept. of Commerce  
University of Calcutta

Speaker

**Dr. Md. Kutubuddin Halder**  
Professor & Head  
Dept. of Education  
University of Calcutta

Speaker

**Dr. Mrinmoy Pramanik**  
Asst. Professor & Head  
Dept. of Comparative Indian  
Language and Literature  
University of Calcutta

Conveners

**Sri Mintu Halder**  
Librarian & Bursar  
Bhairab Ganguly College

**Dr. SK Abul Salam**  
Librarian  
Shibpur Dinobundhoo Institution  
(College)

Speaker

**Dr. Sushmita Chakraborty**  
Professor  
Dept. of Lib. & Inf. Sc.  
University of Calcutta

Registration is Free

For Queries: [infolibwebinar@gmail.com](mailto:infolibwebinar@gmail.com)

E-Certificate will be Provided

**Click to Register**

## Report 17

Webinar Director: Dr. Biplab Chakrabarti, Professor, DLIS, University of Calcutta

Patron: Dr. Sanjit Kumar Das, Vice Principal, Bhairab Ganguly College

Resource person: Dr. Subuj Kumar Chaudhuri, Associate Prof. DLIS, University of Calcutta

Dr. Pubalika Bhattacharya Maitra, Asst. Prof. DLIS, University of Calcutta

Dr. Sudip Banerjee, Librarian, City College of Commerce & Business Administration,  
Kolkata

Dr. Swati Ghosh, Librarian, Savitri Girl's College

Conveners: Dr. Sk Abul Salam, Librarian, Shibpur Dinobundhoo Institution

Sri Mintu Halder, Librarian, Bhairab Ganguly College

Total Number of participants/Attendance: 214

The screenshot shows a webinar interface with a presentation slide titled "The Colour Mauve (1856)". The slide features a portrait of Sir William Henry Perkin, a chemical structure of Mauveine, and a historical document snippet. The presenter's name, Dr. Subuj Kumar Chaudhuri, is visible in the bottom banner.

Dr. Subuj Kumar Chaudhuri, Associate Professor, Dept. of Lib & Inf. Sc. University of Calcutta

The screenshot shows a webinar interface with a presentation slide titled "H. Infection trends and behaviour: India has the world's third largest caseload". The slide displays a line graph showing cumulative confirmed COVID-19 cases from March 1 to July 6 for the US, Brazil, India, Russia, and the UK. The US shows the highest caseload, followed by Brazil, and then India. The presenter's name, Dr. Pubalika Bhattacharya Maitra, is visible in the bottom banner.

Dr. Pubalika Bhattacharya Maitra, Assistant Professor, Dept. of Lib & Inf. Sc. University of Calcutta

This is a duplicate of the previous screenshot, showing the same webinar interface and presentation slide. The presenter's name, Dr. Pubalika Bhattacharya Maitra, is visible in the bottom banner.

Dr. Pubalika Bhattacharya Maitra, Assistant Professor, Dept. of Lib & Inf. Sc. University of Calcutta







**INFO-LIB  
ACADEMIA**

In Collaboration with  
**Central Library  
Bhairab Ganguly College**



NAAC Accredited A

Webinar Director

Organizes

10th September, 2020

A Webinar on

at 3:30 pm



**Dr. Biplab Chakrabarti**  
Professor  
Dept. of Lib & Inf. Sc.  
University of Calcutta

**Connecting the innovation and dissemination of  
the results on health issues to the common  
people : ways and challenges**



Patron

**Dr. Sanjit Kumar Das**  
Vice-Principal  
Bhairab Ganguly College



Key-note  
Speaker

**Dr. Sabuj Kumar Chaudhuri**  
Associate Professor  
Dept. of Lib & Inf. Sc.  
University of Calcutta



Speaker

**Dr. Sudip Banerjee**  
Librarian  
City College of Commerce &  
Business Administration



Speaker

**Dr. Pubalika Bhattacharya Maitra**  
Assistant Professor  
Dept. of Lib & Inf. Sc.  
University of Calcutta



Speaker

**Dr. Swati Ghosh**  
Librarian  
Savitri Girls' College



**Sri Mintu Halder**  
Librarian & Bursar  
Bhairab Ganguly College

Conveners:



**Dr. Sk Abul Salam**  
Librarian  
Shibpur Dinobundhoo Institution  
(College)

WEBINAR PLATFORM



For Queries: [infolibwebinar@gmail.com](mailto:infolibwebinar@gmail.com)

E-Certificate will be Provided

**Click to Register**

ALL ARE CORDIALLY INVITED

Registration is Free



## **Report 18**

**Resource Person, Indranil Basak, PhD**

Neurodegenerative and Lysosomal Diseases Laboratory  
Department of Biochemistry  
**University of Otago** | Te Whare Wānanga o Otāgo  
Dunedin, New Zealand

Participants: UG, PG students of different colleges and universities, teachers of various colleges and other senior persons were also present



# Bhairab Ganguly College

2, Feeder Road, Belgharia, Kolkata—700056

## Special lecture session

in

## National Nutrition Month

Organized by

Department of Food and Nutrition

Bhairab Ganguly College

On

25th September, 2020 Time 11 am IST

Chief Patron:



Dr.

**Sanjit Kumar Das**  
Vice-Principal

Convener:

**Dr Neepa Banerjee**  
Dept. of Food and Nutrition  
Bhairab Ganguly College

Title of Talk:

**"Parkinson's disease and nutrition:  
Is there an underexplored link?"**



Speaker

**Dr. Indranil Basak**

Postdoctoral Fellow  
Neurodegenerative and Lysosomal  
Diseases Laboratory  
Department of Biochemistry University of Otago  
Te Whare Wānanga o Ōtāgo Dunedin,  
New Zealand

E-certificate will be provided to all the Participants

Registration is Free

Technical Moderator

**Dr. Sk Abul Salam, Librarian**  
Shibpur Dinobundhoo Institution (College)

[Click Here to Register](#)

## Report 19

One-day National Webinar on **"The Socio-economics Implication of Covid-19 in India: Quest for Co-ordinate bail-out efforts"** held on 03.07.2020 via Google Meet from 2.00 pm to 5.00 pm

Organized by Department of Economics, Bhairab Ganguly College.

Under the leadership of Vice-Principal, Dr. Sanjit Kr. Das and the initiative taken by the joint conveners of the webinar, the college has been hosting a series of informative and insightful lecture thereby facilitating an

interaction of the present faculty and students with the distinguished speakers. The event started with a welcome note by the Joint Convener. The Vice-Principal welcomed the Speaker Dr. Debasish Majumder, HOD and Professor, The Heritage College, Kolkata. Dr. Santanu Chakraborty, Joint Convener of the National Webinar, introduced the keynote speaker CA Srikumar Banerjee with the audience. Keynote speaker, CA Srikumar Banerjee, member of Governing Body addressed the audience.

Mr. Satchidananda Sardar, joint convener of the National Webinar introduced the speaker with the audience. In the technical session, the eminent speaker Dr. Debasish Mazumder nicely present the macroeconomic aspects of Covid-19. Dr. Santanu Chakraborty nicely handled the question answer session.

Around 80 participants joined the webinar and interacted vividly during the Questions & Answers session.

Finally, vote of thanks to all distinguished guests, Vice-Principal sir, members of organizing committee and all participants was delivered by Dr. Probir Karar, Associate Professor, Department of Economics. Hope that gracious presence and precious lectures of all honorable and renowned speakers in the event definitely had enriched knowledge of all faculty members as well as encouraged the students to dream a better future ahead. The event was a resounding success.

Dr. S.Chakraborty

In-Charge of the Department of Economics



**ONE DAY STATE LEVEL WEBINAR**

**ON**

**"The Socio-economic Implication of Covid-19 in India: Quest for co-ordinate bail-out efforts."**



ORGANISED BY  
DEPARTMENT OF ECONOMICS  
BHAIRAB GANGULY COLLEGE  
2, Feeder Road, Belghoria, Kolkata - 700056  
(AFFILIATED TO WEST BENGAL STATE UNIVERSITY)

**Resource Person**



Dr. Debasish Mazumder, (Professor & HOD)  
Department of Economics  
The Heritage College, Kolkata

**Keynote Speaker**



CA Srikumar Banerjee  
Member of the Governing body  
Bhairab Ganguly College

Date - 3rd July, 2020  
Time: 2:00 PM

**We cordially invite you to join webinar**

Registration link : <https://forms.gle/Ye5QzFQQdCUFVPA>  
Contacts : webeco20@gmail.com  
E- Certificate will be issued to the participants  
(Registration link will remain active till 1st july midnight)  
**No Registration fee is Required.**

HOD/Organising Secretary  
**Mr. A. Murmu**

Joint Convenors  
**Dr. S. Chakraborty & Mr. S. Sardar**

Vice- Principal  
**Dr. S.K Das**

## Report 20

National Webinar on "Nanomaterials & Nanotechnology"

**organized by the Department of Physics held on 24.06.21 via Google Meet from 3.00-4.30 pm**

Department of Physics of Bhairab Ganguly College has organized a one-day National Webinar on “Nanomaterials & nanotechnology” On 24th June.

Under the able leadership of Principal Prof. (Dr.) Subhranil Som and the initiative taken by the In-Charge of Physics the college has been hosting a series of informative and insightful lectures thereby facilitating an interaction of the present faculty and students with the distinguished speakers. The event started with a welcome note by the Principal. In the technical session, the first lecture was delivered by Dr. Barun Das, Scientist III – India, Macdermid Alpha, Electronics Solutions Cookson India Private Limited. He has enlightened the audience on **“The Curious case of Nano: From Materials to Technology”**.

Around 150 participants joined the webinar and interacted vividly during the Q & A session

Finally, vote of thanks to all distinguished guests, Principal, members of organizing committee and all participants was delivered by Dr. Bhadra, Assistant Professor, In-charge, Department of Physics. Hope that gracious presence and precious lectures of all honorable and renowned speakers in the event definitely had enriched knowledge of all faculty members as well as encouraged the students to dream a better future ahead. The event was a resounding success.



Signature of Principal



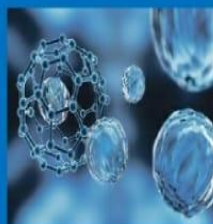
Signature of In-Charge  
Dept. of Physics





# Bhairab Ganguly College

(Government Aided)  
Feeder Road, Belgharia  
Kolkata-56, West Bengal, India



## National Webinar On Nanomaterials & Nanotechnology

*Department of Physics*

**Title: The Curious case of Nano: From Materials to Technology**

### Speaker:



**Dr. Barun Das**

Scientist III - India  
Macdermid Alpha  
Electronics Solutions  
Cookson India Private Limited

### Registration Link:

<https://forms.gle/8Li4MVburKkgjsSB8>

Or Scan



### Advisory Committee:

Dr. T. Mukherjee

Dr. T. Sur

Dr. S. Chakraborty

Dr. R. Majumder

*No Registration Fees*

### CHIEF PATRON:



**Prof. (Dr.) Subhranil Som**  
Principal

### In-Charge



**Dr. D. Bhadra**  
Convener

### Moderator



**Sri S. Sarkar**  
Co-convener

*Date-24<sup>th</sup> June, 2021*

*Time- 3:00 P.M.*

To attend Scan:

Meeting Link: [meet.google.com/cte-ciwa-tft](https://meet.google.com/cte-ciwa-tft)



*E-certificates for all participants*

E-mail: [physdb@bhairabgangulycollege.ac.in](mailto:physdb@bhairabgangulycollege.ac.in)

Website: [bhairabgangulycollege.ac.in](http://bhairabgangulycollege.ac.in)

## Report 21

One-day International Webinar on “**Current understanding of molecular mechanisms of some neurological diseases and their treatment**” held on 26.06.2021 via Google Meet from 3.00 pm to 6.00 pm

Organized by Department of Physiology, Bhairab Ganguly College, in collaboration with Department of Physiology, West Bengal State University

Department of Physiology of Bhairab Ganguly College is organizing one day Webinar on “Current understanding of molecular mechanisms of some neurological diseases and their treatment” On 26<sup>th</sup> June (Saturday) 2021.

Under the leadership of Principal, Prof. (Dr.) Subhranil Som and the initiative taken by the In-Charge of Physiology, the college has been hosting a series of informative and insightful lectures thereby facilitating an interaction of the present faculty and students with the distinguished speakers. The event started with a welcome note by Dr Tarasankar Maiti, Joint Convener. The Principal welcomed the Chief Guest Sri Tapas Roy, President of Governing Body, Bhairab Ganguly College, the Guest of Honour Dr. Arindam Maitra, Associate Professor, National Institute of Biomedical Genomics, the eminent speakers of this International Webinar and addressed the audience. The Guest of Honour, Dr. Arindam Maitra was introduced by Prof. Pratiti Ghosh, Head of the Department of Physiology, West Bengal State University.

In the technical session, the first lecture was delivered by Dr. Amal Chandra Mondal, Associate Professor, School of Life Sciences, Jawaharlal Nehru University (JNU), New Delhi, India. He was introduced by Prof. Pratiti Ghosh. He has enlightened the audience on “**Neurobiology of Parkinson’s disease, experimental models and therapeutic approaches**”. The appreciation letter was given by Dr. Dr. Tarasankar Maiti, Assistant Professor of Physiology.

The second lecture was delivered by Arpan Parichha, Senior Research Scholar, Tata Institute of Fundamental Research (TIFR), Mumbai, India. He was introduced by Dr. Tarasankar Maiti. He gave a talk on “**Modeling Alzheimer disease using human stem cell derived brain organoids**”. The appreciation letter was given by Dr. Tarasankar Maiti.

The third lecture was delivered by Dr. Panchanan Maiti, Principal Research Scientist at Ascension of St. Mary’s Hospital, Central Michigan University, MI, USA. He was introduced by Prof. Pratiti Ghosh. He gave a talk on “**What goes wrong in aging and in Alzheimer disease brain**”. The appreciation letter was given by Dr. Tarasankar Maiti.

Around 154 participants joined the webinar and interacted vividly during the Questions & Answers session.

Finally, vote of thanks to all distinguished guests, Principal sir, members of organizing committee and all participants was delivered by Dr. Tarasankar Maiti, Assistant Professor, In-charge, Department of Physiology, Joint-convener of the International Webinar. Hope that gracious presence and precious lectures of all honorable and renowned speakers in the event definitely had enriched knowledge of all faculty members as well as encouraged the students to dream a better future ahead. The event was a resounding success.



(Prof. Pratiti Ghosh)  
Signature of HOD

Dept. of Physiology

West Bengal State University



(Dr Tarasankar Maiti)  
Signature of In-Charge

Dept. of Physiology

Bhairab Ganguly College



## ONE DAY INTERNATIONAL WEBINAR

on

### *Current understanding of molecular mechanisms of some neurological diseases and their treatment*

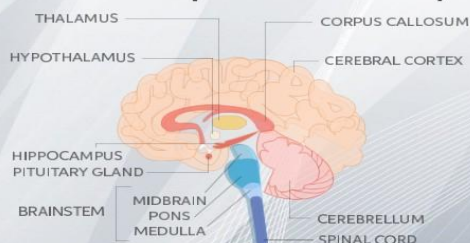


Organized by

Department of Physiology, Bhairab Ganguly College

In association with

Department of Physiology, West Bengal State University



**26th June 2021**

**3:00 – 6:00 PM**

#### CHIEF GUEST



**Sri Tapas Roy**  
President, Governing Body,  
Bhairab Ganguly College,  
West Bengal, India

#### GUEST OF HONOUR



**Dr Arindam Maitra**  
Associate Professor, National  
Institute of Biomedical Genomics,  
West Bengal, India

#### CHAIR



**Prof. (Dr.) Subhranil Som**  
Principal  
Bhairab Ganguly College,  
West Bengal, India

#### DISTINGUISH SPEAKERS



**Dr. Panchanan Maiti**  
Principal Scientist,  
Field Neurosciences Institute,  
Central Michigan University,  
MI, USA



**Dr. Amal Chandra Mondal**  
Associate Professor,  
School of Life Sciences,  
Jawaharlal Nehru University,  
New Delhi, India



**Sri . Arpan Parichha**  
SRF, Tata Institute of  
Fundamental Research,  
Mumbai, India

#### JOINT CONVENERS



**Prof. Pratiti Ghosh**  
HOD, Dept. of Physiology  
West Bengal State University,  
West Bengal, India



**Dr. Tarasankar Maiti**  
In Charge, Dept. of Physiology  
Bhairab Ganguly College,  
West Bengal, India

#### Meeting Link:

<https://meet.google.com/qgd-ntzv-kzs>

#### Registration Link:

<https://forms.gle/jwZai7mCzRH2Uz17>

#### Last Date of Registration:

**25th June 2021**

✓ No Registration Fee

✓ E-certificates for all registered  
participants after successful submission  
of the feedback form



## Report 22

A state level webinar on 'Theory of Alankara, Adhikari and Riti (According to the views of Vāmana's 'Kāvyaḷaṅkārasutravṛtti') was organised by the Department of Sanskrit ,BhairabGanguly College in association with West Bengal State University on 3rd July ,2021(Saturday) through online mode at Google Meet. In this webinar Mr. Soumyajit Sen, Assistant Professor, Department of Sanskrit, Cooch Behar, Panchanan Barma University delivered lecture on the topic "Vāmana's 'Kāvyaḷaṅkārasutravṛtti " as Guest speaker. 219 participants were present in this webinar. The welcome address was presented by Dr.Ajit Kumar Sil, Associate Professor, Department of Geography, Bhairab Ganguly College and key note address was delivered by Dr. Bani Bhattacharya, Associate Professor, Department of Sanskrit, Bhairab Ganguly College.

After the completion of the speech of Guest speaker a question - answer session was going on which was very attractive for all the participants. The certificates also were given to the participants. At the end of the webinar Dr. Arnab Ghosal, Assistant Professor, In-charge of the Department of Sanskrit gave the vote of thanks to all.



# BHAIRAB GANGULY COLLEGE

2, Feder Road, Belgharia, Kolkata--700056

[www.bhairabgangulycollege.ac.in](http://www.bhairabgangulycollege.ac.in)

## Department of Sanskrit

Organizes

A State level Webinar on

**Vāmana's**

**'Kāvyaḷaṅkārasūtravṛtti'**

काव्यालङ्कारसूत्रवृत्ति-दृष्ट्या अलङ्कार-

अधिकारि-रीति-तत्त्वविमृष्टिः

**3rd July 2021**

**11 AM to 1PM**

CHIEF  
PATRON



**Prof. (Dr.) Subhranil Som**  
(Principal)

*Bhairab Ganguly College*

SPEAKER



**Soumyajit Sen**

*Assistant Professor  
Dept. Of Sanskrit*

*Cooch Behar Panchanan Barma  
University*

MODERATOR



**Prof. Arnab Ghosal**  
In Charge

*Dept. Of Sanskrit  
Bhairab Ganguly College*

REGISTRATION IS FREE

**REGISTER NOW**

**Meeting Link:**

**<https://meet.google.com/yzc-ciwy-uoq>**

For Queries : [webieco@gmail.com](mailto:webieco@gmail.com)  
E-certificate will be provided to all the participants

## Report 23

National Webinar on “Gravitation & Cosmology”

**organized by the Department of Physics held on 19.07.21 via Google Meet from 3.00-5.15 pm**

Department of Physics of Bhairab Ganguly College has organized a one-day National Webinar on “Gravitation & Cosmology” On 19th July.

Under the able leadership of Principal Prof. (Dr.) Subhranil Som and the initiative taken by the In-Charge of Physics the college has been hosting a series of informative and insightful lectures thereby facilitating an interaction of the present faculty and students with the distinguished speakers. The event started with a welcome note by the Principal. In the technical session, the first lecture was delivered by Prof. Anirban Saha, Assistant Professor, Department of Electrical Physics, WBSU. He has enlightened the audience on “**Newtonian Gravity to Gravitational Wave n general relativity**”. The second lecture was delivered by Dr. Md. Wali Hossain, Assistant Professor of Physics, JMIU. He gave a talk on “**The distance scale of the Universe**”.

Around 100 participants joined the webinar and interacted vividly during the Q & A session

Finally, vote of thanks to all distinguished guests, Principal sir, members of organizing committee and all participants was delivered by Dr. Bhadra, Assistant Professor, In-charge, Department of Physics. Hope that gracious presence and precious lectures of all honorable and renowned speakers in the event definitely had enriched knowledge of all faculty members as well as encouraged the students to dream a better future ahead. The event was a resounding success.



Signature of Principal



Signature of In-Charge  
Dept. of Physics







# Bhairab Ganguly College

(Government Aided)  
Feeder Road, Belgharia  
Kolkata-56, West Bengal, India  
National Webinar



*Department of Physics*

An IQAC  
Initiative

## Gravitation & Cosmology

### Speakers:



**Dr. Anirban Saha**

Assistant Professor & Head

Department of Physics  
West Bengal State University

Title: Newtonian Gravity to  
Gravitational Wave in General  
Relativity



**Dr. Md. Wali Hossain**

Assistant Professor

Department of Physics  
Jamia Millia Islamia University

Title: The Distance  
Scale of the Universe



**CHIEF PATRON:**

**Prof. (Dr.) Subhranil Som**  
Principal

### Moderator Coordinator



**Dr. D. Bhadra**  
In-Charge



**Dr. D. Halder**  
IQAC

### Registration Link:

<https://forms.gle/oKK5ZAsbsy8i2Qwe7>

### Advisory Committee:

*Dr. T. Mukherjee*  
*Dr. T. Sur*  
*Dr. S. Chakraborty*  
*Dr. R. Majumder*  
*Sri S. Sarkar*

*Date-19<sup>th</sup> July, 2021*

*Time- 3:00 P.M.*

Meeting Link: [meet.google.com/hui-xvmd-wxc](https://meet.google.com/hui-xvmd-wxc)



*No Registration Fees*

*E-certificates for all participants*

E-mail: [physdb@bhairabgangulycollege.ac.in](mailto:physdb@bhairabgangulycollege.ac.in)

Website: [bhairabgangulycollege.ac.in](http://bhairabgangulycollege.ac.in)

## Report 24

Two-day International Webinar on **“Emerging Trends on Cyber Security and Global Scientific innovation”**  
**organized by the Department of Computer Science & Physics**  
**held on 09.08.21-10.08.21 via Google Meet from 5.30-8.15 pm & 3-5 pm**

Department of Computer Science & Physics of Bhairab Ganguly College is organizing a Two-day Webinar on “Emerging Trends on AI, Cyber Security & Global Scientific Innovation” On 9th and 10th August (Monday & Tuesday). Science & Technology is developing rapidly and changing the way according to the need of mankind. Emerging technologies such as cloud computing, Artificial Intelligence (AI), automation, and the Cyber Security solutions are creating unprecedented opportunities for new avenues to explore. The major thrust of this web conference is to understand the cutting edge research globally to access the status of artificial intelligence, the degree of encryption through Cyber Security. AI, the ability of a digital computer or computer-controlled robot to perform tasks commonly associated with intelligent beings. The term is frequently applied to the project of developing systems endowed with the intellectual processes characteristic of humans, such as the ability to reason, discover meaning, generalize, or learn from past experience. Still, despite continuing advances in computer processing speed and memory capacity, there are as yet no programs that can match human flexibility over wider domains or in tasks requiring much everyday knowledge. On the other hand, the deepest mysteries of the Universe as will be revealed by the most powerful and complex space telescope ever built by NASA: The James Webb Space Telescope which is scheduled for launch in 2021. A large space telescope optimized for infrared wavelengths, the Webb telescope will find the first galaxies that formed in the early universe and peer through dusty clouds to see stars forming planetary systems. 4 eminent speakers from abroad have given consent to elucidate the aforesaid technologies in this web conference.

Under the able leadership of Principal Prof. (Dr.) Subhranil Som and the initiative taken by the In-Charge of Physics & Computer Science the college has been hosting a series of informative and insightful lectures thereby facilitating an interaction of the present faculty and students with the distinguished speakers. The event started with a welcome note by the Principal. The Principal welcomed the Chief Guest Sri Tapas Roy, President of Governing Body, Bhairab Ganguly College, the Guest of Honour Prof. Mahua Das, Hon’ble Vice Chancellor, WBSU, the eminent speakers and addressed the audience. Prof. Mahua Das was introduced by Dr. S. Chakraborty, Associate Professor of Physics followed by address by Prof. Das to the gathering by illumination note on recent trends of Cyber Security and possible challenges still existed in the society and what are the fields where the research & innovation have to be more focused to eliminate the curse of technology.

In the technical session, the first lecture was delivered by Prof. Celia Shahnaz, Professor, Department of Electrical and Electronic Engineering, Bangladesh University of Engineering and Technology (BUET) Dhaka-1205, Bangladesh. She has enlightened the audience on **“2-D Biosignal Processing for Automation in Disease detection based on Deep Neural Networks”**. The appreciation letter was given by Dr. R Majumder, Associate Professor of Physics.

The second lecture was delivered by Dr. Sibasish Laha, Research Scientist, NASA, Goddard Space Flight Center. He was introduced by Dr. T. Sur, Associate Professor of Physics. He gave a talk on **“The deepest mysteries of the Universe as will be revealed by the most powerful and complex space telescope ever built by NASA: The James Webb Space Telescope”**. The appreciation letter was given by Dr. T. Mukherjee, Associate Professor of Physics. The day was ended with the vote of thanks by P. Biswas, Jt. Convener.

Around 170 participants joined the webinar and interacted vividly during the Q & A session

On the second day, the webinar started at 3:00pm. Introductory remarks was given by Dr. Bhadra, In-charge, Department of Physics, Joint convener of the webinar. The first renowned speaker was Dr. Mohd Helmy Abd

Wahab, Senior Lecturer, Faculty of Computer Science and IT, Johor, Malaysia Universiti Tun Hussein Onn Malaysia. Mr. Bijan Krishna Paul, faculty of Computer Science of Bhairab Ganguly College, delivered introductory remarks on Dr. Helmy Wahab. Dr. Wahab was former Head of Intelligent System Lab at the Department of Computer Engineering, Faculty of Electrical and Electronic Engineering, University Tun Hussein Onn Malaysia (UTHM). Title objective of his valuable speech was on **IoT based Solution in Smart Application**. After that, letter of appreciation to the Dr. Helmy Wahab was given by Mrs. Sangeeta Ghosh Das Mahapatra, SACT-II of Computer Science of Bhairab Ganguly College.

On the last session of the Two-day International webinar, the second eminent speaker was Professor Dr. Syed Akhter Hossain, presently Head of the department of the computer science and Engineering at University of Liberal arts, Dhaka, Bangladesh. Mrs. Aindrila Jana, faculty member of Computer Science of Bhairab Ganguly College, focused on great Professor Dr. Hossain's remarkable career to provide introductory remarks and welcomed him. Professor. Dr. Hossain had shared his precious speech on **"Cyber Security in the Era of Artificial Intelligence"**. A great question answer session was done after his valuable speech that helped students to enlighten their knowledge. After that, a warm appreciation to Professor Dr. Hossain was also delivered by Mrs. Jana.

Finally, vote of thanks to all distinguished guests, Principal sir, members of organizing committee and all participants was delivered by Mrs. Pratima Biswas, Assistant Professor, In-charge, Department of Computer Science, Joint-convenor of the Webinar. Hope that gracious presence and precious lectures of all honorable and renowned speakers in the event definitely had enriched knowledge of all faculty members as well as encouraged the students to dream a better future ahead. The event was a resounding success.



Signature of In-Charge  
Dept. of Computer Science



Signature of In-Charge  
Dept. of Physics

## Two-day International Webinar

on

### *Emerging Trends in Cyber Security & Global Scientific Innovation*

Organized by : Department of Computer Science & Physics , Bhairab Ganguly College

An Initiative of : New Trend in Research

#### **Programme Schedule:**

##### **Day 1: 9th August 2021 at 5:30 PM**

- 5:30 PM Lighting the lamp
- 5:32 PM Welcome Address by **Prof. (Dr.) Subhranil Som**,  
Chair, Principal, Bhairab Ganguly College,  
WB, India
- 5:38 PM Inaugural Address by **Sri Tapas Roy**,  
Chief Guest, President, Governing Body,  
Bhairab Ganguly College, WB, India
- 5:48 PM Address by **Prof. (Dr.) Mahua Das**,  
Hon'ble Vice Chancellor, WBSU
- 6:00 PM **Prof. Dr. Celia Shahnaz**, Chair, IEEE SPS,  
Women in Signal Processing Committee  
PES WiP R10 Representative  
Professor, Department of EEE, BUET  
**Title:** 2-D Biosignal Processing for Automation  
in Disease detection based on Deep Neural  
Networks
- 7:00 PM **Dr. Sibasish Laha**, Research Scientist  
NASA, Goddard Space Flight Center  
**Title:** "The deepest mysteries of the Universe  
as will be revealed by the most powerful and  
complex space telescope ever built by NASA:  
The James Webb Space Telescope."
- 8:00 PM Vote of Thanks

##### **Day 2: 10th August 2021 at 3:00 PM**

- 3:00 PM Introductory remarks by **Dr. Bhadra**, In Charge,  
Dept of Physics Jt. convenor of Webinar
- 3:05 PM Opening remark by **Prof. (Dr.) Subhranil Som**,  
Chair, Principal, Bhairab Ganguly College,  
WB, India
- 3:10 PM **Dr. Mohd Helmy Abd Wahab**, Senior Lecturer,  
Faculty of Computer Science and IT, Johor,  
Malaysia Universiti Tun Hussein Onn Malaysia  
**Title:** IoT-based Solution in Smart Application
- 4:00 PM **Prof. Dr Syed Akhter Hossain**, Prof. and Head,  
Dept. of Computer Science and Engineering at  
University of Liberal Arts Bangladesh  
**Title:** "Cyber Security in the era of AI"
- 5:00 PM Vote of Thanks

#### **Organizing Committee**

- ▶ **Dr. T. Mukherjee**, Associate Professor
- ▶ **Dr. T. Sur**, Associate Professor
- ▶ **Dr. S. Chakraborty**, Associate Professor
- ▶ **Dr. R. Majumder**, Associate Professor
- ▶ **Sri S. Sarkar**, Assistant Professor
- ▶ **Sri Bijan Krishna Paul**, SACT-I, Computer Science
- ▶ **Sangeeta Ghosh Dasmahapatra**,  
SACT-II, Computer Science
- ▶ **Aindrila Jana**, SACT-II, Computer Science

#### **Important Information for the Participants:**

- ▶ Webinar will be held at Google Meet platform.
- ▶ Please join the Google Meet platform at least 5 minutes before the scheduled time for webinar.
- ▶ Kindly keep your audio mute and video off before entering the Google Meet platform and through the webinar session.
- ▶ Please do not click on 'Present now' any time during the webinar session.
- ▶ Filling up the registration form does not ensure participation certificate. A feedback form link will be provided at google meet during last session of the webinar. The participation certificate will be sent via mail within 5 days of successful submitting the feedback form.

**Registration Link:** <https://forms.gle/ttw5oTLdG2NYB6Uq8>

**Meeting Link:** <https://meet.google.com/jdo-ahtc-rra>

[www.bhairabgangulycollege.ac.in](http://www.bhairabgangulycollege.ac.in)



Bhairab Ganguly College (Government-Aided)



**NAAC Accredited Grade 'A' College**  
Feeder Road, Belgharia, Kolkata-56  
West Bengal India

**"Evolutionary telescope to  
explore genomics to infer future  
of life"**

**Invited Talk By**



**Dr. Anasua Sarkar**

**Assistant Professor, Computer  
Science and Engineering  
Department, Jadavpur University.**

**Date: 07.08. 2021**

**Time : 04:00 – 05:00 PM**

**No Registration Fee**  
**E-certificates for all student  
participants**

**Meeting Link:** <https://meet.google.com/zvb-tdkg-ngx>  
**Registration Link:**

**DEPARTMENT OF  
BOTANY**

**CHIEF PATRON:**



**Prof. (Dr.) Subhranil Som,  
Principal**

**DEPARTMENT IN-CHARGE:**



**Dr. Rumdeep Kaur Grewal  
In-charge, Dept of Botany**

**EVENT MODERATOR:**



**Dr. Rupa Sanyal  
Department of Botany**

## Report 25

**Report: One Day Invited talk organized by Department of Botany, Bhairab Ganguly College**

Title: "Evolutionary telescope to explore genomics to infer future of life"

**Invited Speaker– Dr. Anasua Sarkar, Assistant Professor, Computer Science and Engineering Department, Jadavpur University.**

**Date: 07.08. 2021, Time : 04:00 – 05:00 PM**

**Google Meeting Link: <https://meet.google.com/zvb-tdkg-ngx>**

Dr. Anasua Sarkar is an Assistant Professor in the Dept. of Computer Science and Engineering, Jadavpur University since 2016. Dr. Sarkar has worked in collaboration with universities and research laboratories in France, Sweden and Denmark. She is the recipient of EMMA-EPU fellowship from European Union for pursuing Doctoral research work in University Bordeaux 1, France in 2009. She also obtained her Post-Doctoral Fellowship from Lund University, Sweden to perform her research works on Genetics in 2018. She is the Senior Member of The Institute of Electrical and Electronics Engineers (IEEE), USA and Member of International Rough Set Society, among other several societies. Her research interests include Machine Learning, Pattern Recognition, Data Science, Bioinformatics, Multi-objective Optimization, Biomedical Signal Processing, Image Processing, Proteomics, Epigenetics, Remote sensing. In these areas she has published 20 international peer-reviewed journal papers, 30 international conference papers and 16 book chapters and is supervising 4 doctoral students. Her other interests include reading books and learning technological advances.

The event started with a welcome note by the Event Moderator Dr. Rupa Sanyal. Dept. In-Charge Dr. R.K. Grewal introduced Dr. Sarkar to the audience. The Principal **Prof. (Dr.) Subhranil Som**, welcomed the eminent speaker and addressed the audience. Dr. A. Sarkar discussed about her research highlighting the different scopes and recent developments in the subject of computational biology.

The talk presented cutting-edge methodologies of evolutionary genomics from perspective recent research. How phylogenetic inference can be drawn from homology detection was explained with real-world examples. How synteny and orthology play significant role was also explained on Yeast species. From current day scenario, a small discussion on SARS-COV-2 pandemic was also included. Finally conserved gene cluster detection method was discussed using synteny rules. The attendance of the session was 52. Dr. Sarkar meticulously prepared presentation and lucid talk encouraged a very lively and fruitful Q& A session. On behalf of the Dept. Dr. U Roy. presented the letter of appreciation to the speaker. The session ended with the Vote of Thanks by Mr. Pritam Roy.

The event was a resounding success. The college looks forward to collaborating with Dr. A .Sarkar in our future endeavors.



Dr. Rumdeep Kaur Grewal

In-charge, Department of Botany

## Report 26

### REPORT ON TWO-DAY INTERNATIONAL SEMINAR

29 - 30 September, 2021

Department of Mathematics, Bhairab Ganguly College

in association with

Internal Quality Assurance Cell (IQAC) & College Research Colloquium (CRC)”

“Two-day International Seminar on Mathematical Analysis and Riemannian Geometry (ISMARG- 2021) to commemorate the great mathematician G.F.B. Riemann (1826-1866) **29 - 30 September, 2021 (Virtual Mode)**, Organized by Department of Mathematics in association with Internal Quality Assurance Cell (IQAC) & College Research Colloquium (CRC).”

Department of Mathematics in association with Internal Quality Assurance Cell (IQAC) & College Research Colloquium (CRC ) was organized (ISMARG-2021) to promote research and to commemorate 195th Birthday (17th September, 2021) of the phenomenal contributions of the legend, Prof. G. F. B. Riemann, and to focus on the recent advances in different sectors of Mathematics, especially, in the fields of Analysis including Geometry. The programme started at 11:30 am with the opening Remarks by Dr. Dhananjay Halder, Convener of ISMARG-2021 followed by Welcome Address by Prof. (Dr.) Subhranil Som, Principal, Bhairab Ganguly College. Brief introduction of the Speakers of the programme was given by Dr. Shyamali Dewan, Secretary of ISMARG-2021.

Session chair , Prof. R Thangadurai Professor, Dept. of Mathematics, Harish-Chandra Research Institute Technical session 1 was introduced by Dr. Rumdeep Kaur Grewal, Member of IQAC. Prof. R Thangadurai invited our distinguished guest Prof. D. K. Ganguly Retired Professor, Dept. of Pure Mathematics, University of Calcutta, India. Title of his speech was “Riemann Integration – revisited.” He enlighten us on a brief biodata of great mathematician G.F.B. Riemann. He also gives us a concept of Riemann integration. Dr. Halder requested Prof. D. K. Ganguly for chairing the session and to invite , Prof. R Thangadurai . , Prof. R Thangadurai highlighted on “Riemann Contribution to Number Theory” very elaborately.

Technical session 2 was started at 3:30 pm with research paper presentation chaired by Dr. S. Dewan and Dr. Animesh Biswas Associate Prof. and Head, Dept of Mathematics, University of Kalyani, INDIA. There were 8 paper presentations on different topic.

Technical session 3 was started at 5:15 pm with invited talk by Dr. Kuntal Banerjee Department of Mathematics, Presidency University, Kolkata, India, chaired by Dr. Animesh Biswas. Dr. Kuntal Banerjee extended result upto Dirichlet’s problem and its proof. Second speaker was Dr. Theodora Bourni, Department of Mathematics, The University of Tennessee Knoxville, USA and chaired by Prof. Patrick Muldowney , Retired Professor, University of Ulster, Northern Ireland, UK .She highlighted on “**Ancient solutions to mean curvature flow**”.

In Day 2 started at 11: 00am with the speech of the Dr. Mukut Mani Tripathi, Professor, Banaras Hindu University, India with chaired by renowned professor Prof. Zafar Ahsan Professor (retired) of



Mathematics at Aligarh Muslim University, Aligarh UP, India. It was a fabulous session on “An inequality for Kulkarni tensors and its applications”. This session was ended by the speech of Prof. Zafar Ahsan. He emphasised on “ General Relativity-A Fascinating Application of Riemannian Geometry “.

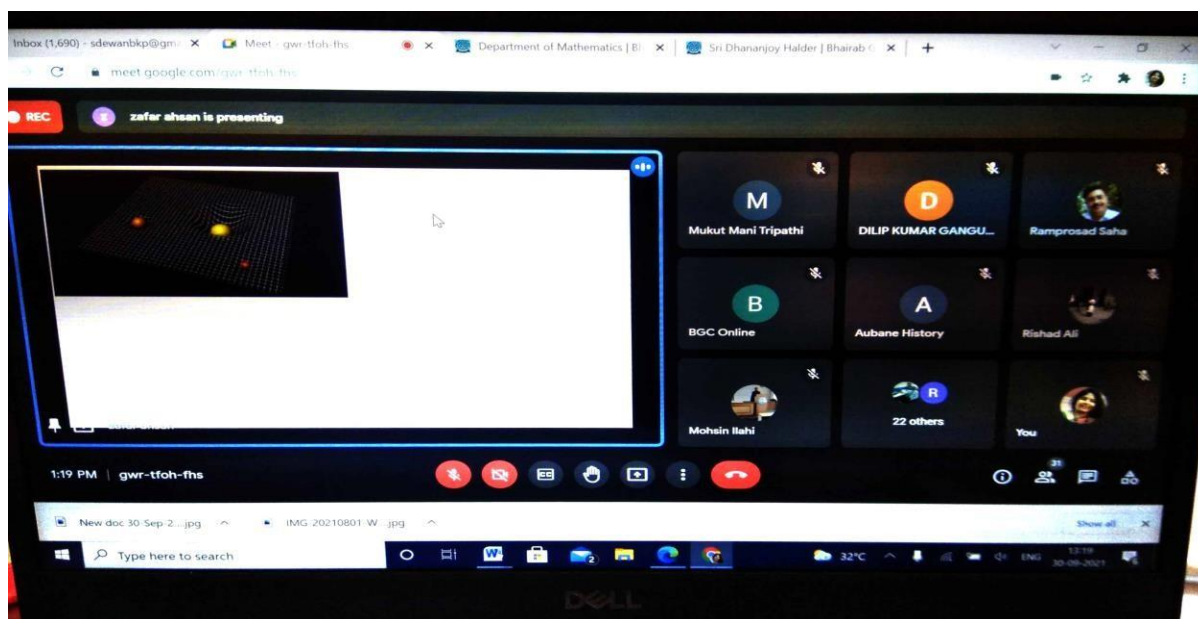
In Technical session 5 there were two invited lecture. Prof. Patrick Muldowney Retired Professor, University of Ulster, Northern Ireland, UK , was delivered his lecture on “ Integrable and Non- Integrable Functions”. Dr. Animesh Biswas Associate Prof. and Head, Dept of Mathematics, University of Kalyani, INDIA ,gave a brief note on Fuzzy Set and its Variant. This session was chaired by Prof. D. K. Ganguly.

Last session was research paper presentation. This session was divided by two parts –one is chaired by Dr.Dhananjoy Halder and other was by Dr.Kuntal Banerjee. Total 7 research paper was presented by research scholars of different universities.

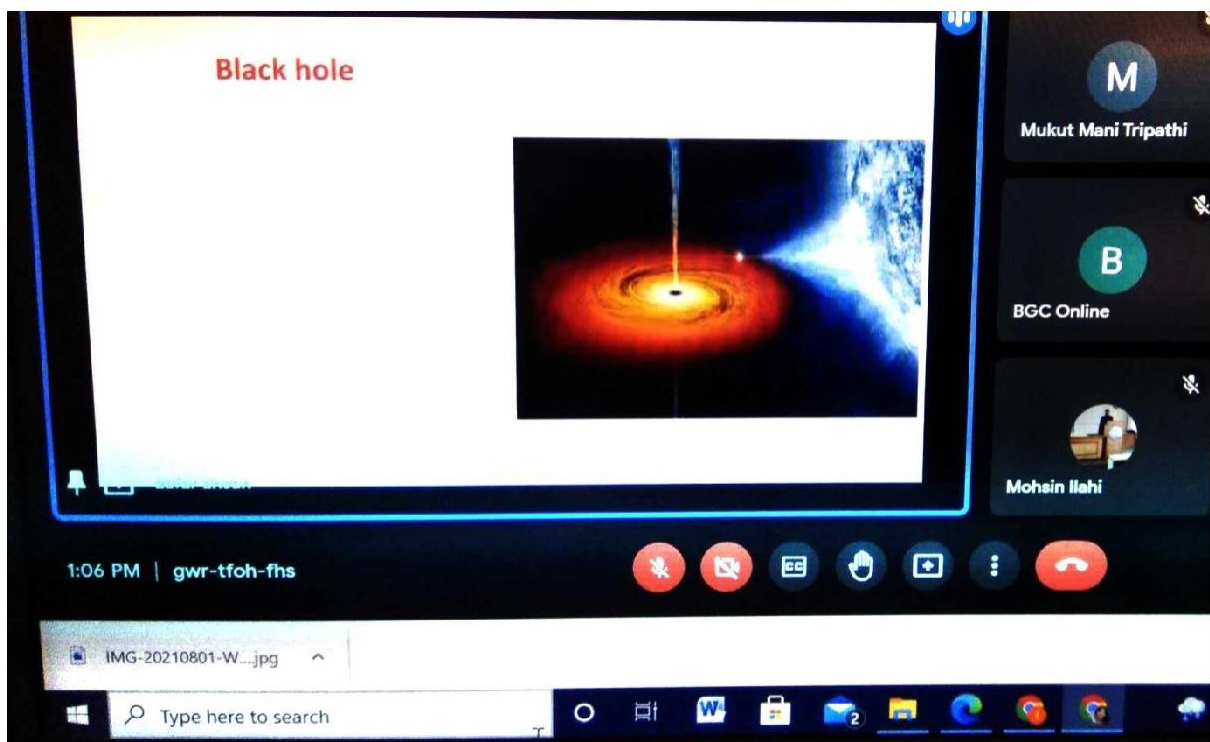
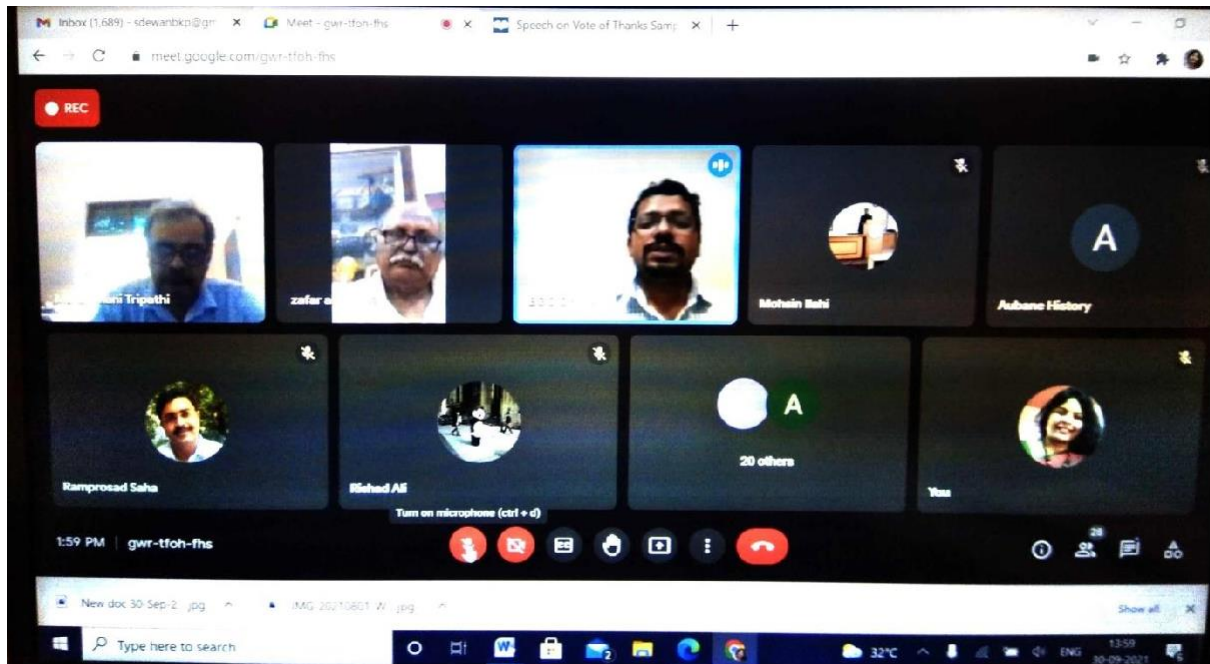
Total 75 participants were attended the seminar and 15 research paper were presented.

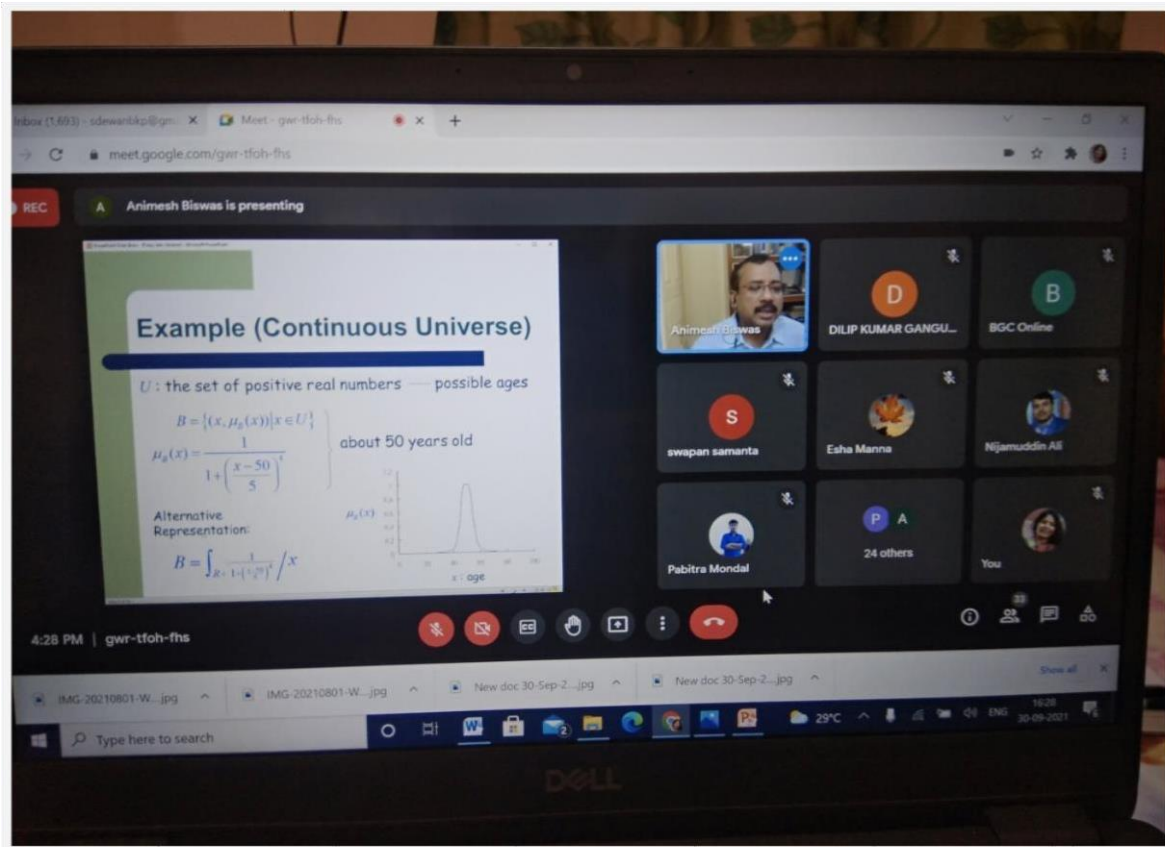
Two days seminar was concluded with question and answer session and Dr. Somnath Choudhury thanked the stakeholders for their active participation and making this interactive program a success.

## GLIMPSES FROM THE WEBINAR



Prof. ZafarAhsan is presenting .





Dr. Animesh Biswas is Presenting.