



BKCC NEWS BI-ANNUAL NEWSLETTER

Volume III Issue II (July - December 2021)

BRAHMANANDA KESHAB CHANDRA COLLEGE
MGNCRE-MoE-Gol-Districts Green Champion- 2021 (North 24 Parganas)
NAAC ACCREDITED GOVERNMENT SPONSORED DEGREE COLLEGE
111/2, B.T. ROAD, BONHOOGHLY, KOLKATA – 700108



FROM THE PRINCIPAL'S DESK

It is my pleasure and delight to announce the 3rd year of our e-Newsletter (sixth issue of January to June 2021). It is noteworthy to say that the year 2021 was a year when the pandemic was still disturbing things. In continuation of the pandemic, as we are confined since mid March 2020. Still we could at last meet each other from November 2021 onwards. Gradually we are moving towards normalcy but have been still adopting the hybrid mode in the 'new normal' situation. I greatly appreciate the team effort taken by the faculty members of all the departments who have worked relentlessly in publishing this issue. I strongly believe that best talents from this Institution will emerge in the near future and we can reach excellence through perfection.

Professor Papia Chakraborti

EDITOR'S NOTE

It gives me great delight to present the July – December 2021 Newsletter of Brahmananda Keshab Chandra College. A major part of this period was online. However, in November 2021 the College went into the offline mode, in a staggered way though. It was interesting to see all stakeholders slowly coming back into the normal way of functioning. While most events still held online (due to Covid protocols), yet all in the College tried to make the most of the situation. Teachers did have to struggle with the blended mode but all hoped that things would soon move on into the way they had been before the pandemic took over our lives. This edition of the Newsletter presents the various activities that students of the College participated in during the time, with a record of various activities held during the period.

Dr. Nishi Pulugurtha

NEWSLETTER TEAM

Dr. Nishi Pulugurtha, Ambika Barua, Dr. Kamakshya Prasad Modak, Dr. Sandipan Gupta, Dr. Debjani Roy, Dr. Priyanka Dhar, Dr. Soumalya Mukherjee

JULY

The department of Zoology organized a students' seminar on 3rd July, 2021. Semester VI students came up with diverse and fascinating presentations. The Principal of the College graced the occasion. Students of semester II and IV actively participated in the event. The best 3 speakers were awarded certificates.

Department of Zoology
Brahmananda Keshab Chandra College
Bon-Hooghly, Kolkata -700108

Cordially invites you to the
STUDENTS' WEBINAR - 2021
Date: 3RD July, 2021 Time: 5 pm

Speakers:
Students of Semester-VI
Dept. of Zoology

❖ For any enquiry contact
Host & Head: Dr. Neelakshi Sarkar (neelakshisarkar@gmail.com)
Technical host: Dr. Madhumita Roy (yssmadhumita@gmail.com)

<http://meet.google.com/wcy-xwyf-pfq>
CLICK HERE

Scan me

Meet - wcy-xwyf-pfq

https://meet.google.com/wcy-xwyf-pfq?pli=1&authuser=0

Neelakshi Sarkar
Abhijit Dey
Dr. Soumya Mukherjee
Santanu Debnath
Sourodeep Das
DEBASHREE GOLDER BHA...
Sourav Sikdar's creation
67 others

People

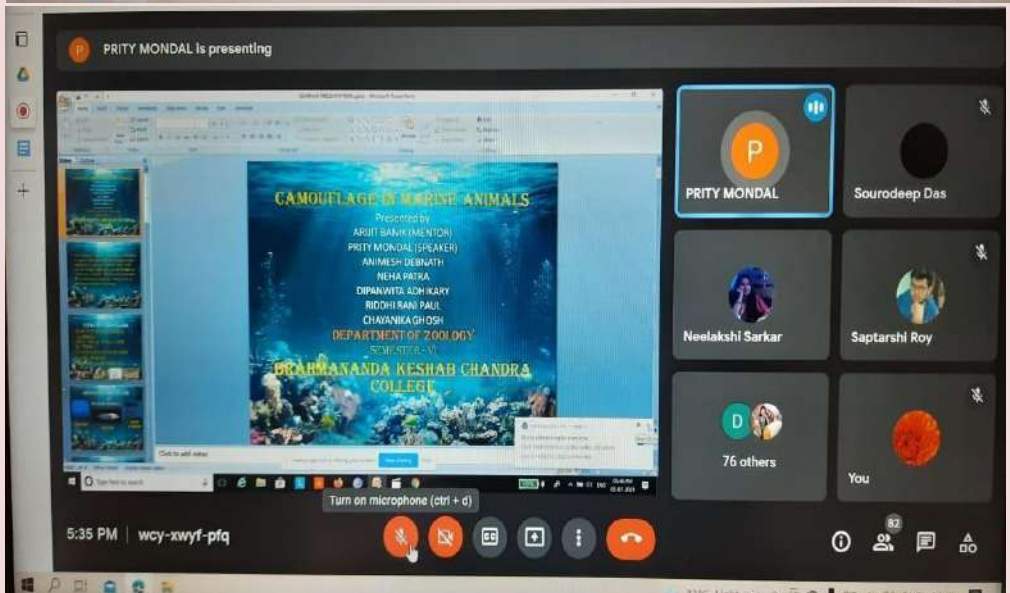
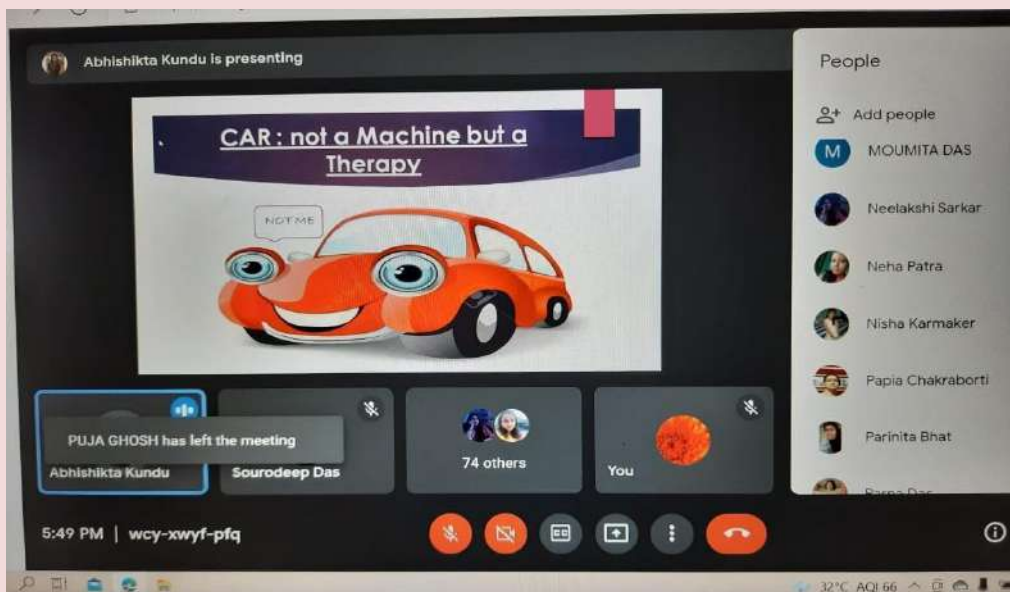
Add people

In call

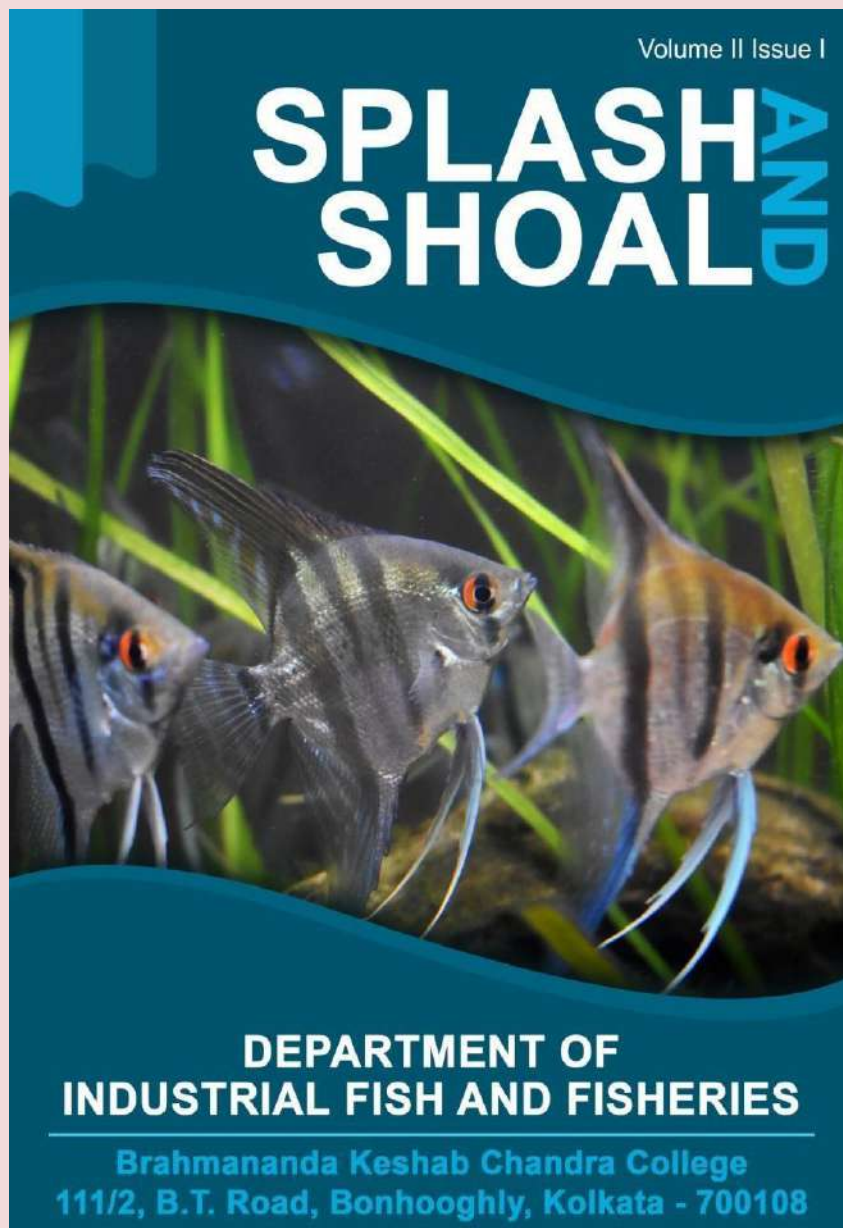
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- Abhijit Dey
- Abhishikta Kundu
- Abhishikta Kundu
- Akash Chandra Patra
- Animesh Debnath

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On 6th July 2021 the first issue of Volume II of “Splash and Shoal”, the newsletter of the department of Industrial Fish and Fisheries was published. For the first time, the newsletter was published in a bilingual mode. This issue was theme based and the theme was “Ornamental Fishes”. In this issue, under the guest column, two articles were published - “দাড়িয়াল দাড়ি কে” by Dr. Soumya Sarkar, Assistant Professor, Department of Zoology, Derozio Memorial College, Kolkata and “আখার মাড়িে” by Pabitra Paul, Assistant Teacher, Deganga Subarnapur High School, North-24-Paraganas. Angana Bag’s (semester IV) “Pregnancy in ornamental fishes”; Soumily Shaw’s (semester VI) “Story of parental care in ornamental fishes” and Tanmay Mahato’s (semester VI) “Can the “living jewels” be the mosquito bio-control agents?” were published in the newsletter. Departmental activities, students’ results and achievements, students’ progress both in higher education and job field and students’ participation in various webinars, workshops and online training programs were also showcased in this issue.



Considering the impossibility to conduct any educational visit physically due to pandemic situation, Department of Industrial Fish and Fisheries took an innovative approach to conduct a virtual tour to a shrimp farm in collaboration with Haldia Development Block, Department of Fisheries, Government of West Bengal on 9th July, 2021. Mr. Suman Kumar Sahu, FEO, Haldia Development Block was the resource person for this event. The event had two sessions; in the morning session, the resource person through video meet showed the various activities of a shrimp culture farm. Students also interacted with the farmers over the meet during this session. In the evening session, the resource person communicated with the participants and answered questions related to the morning session.

VIRTUAL TOUR TO FISH FARM

DEPARTMENT OF INDUSTRIAL FISH AND FISHERIES
BRAHMANANDA KESHAB CHANDRA COLLEGE
KOLKATA

HALDIA DEVELOPMENT BLOCK
DEPARTMENT OF FISHERIES
GOVERNMENT OF WEST BENGAL





RESOURCE PERSON
SUMAN KUMAR SAHU
FISHERY EXTENSION OFFICER
HALDIA DEVELOPMENT BLOCK
DEPARTMENT OF FISHERIES, GOVT. OF WEST BENGAL

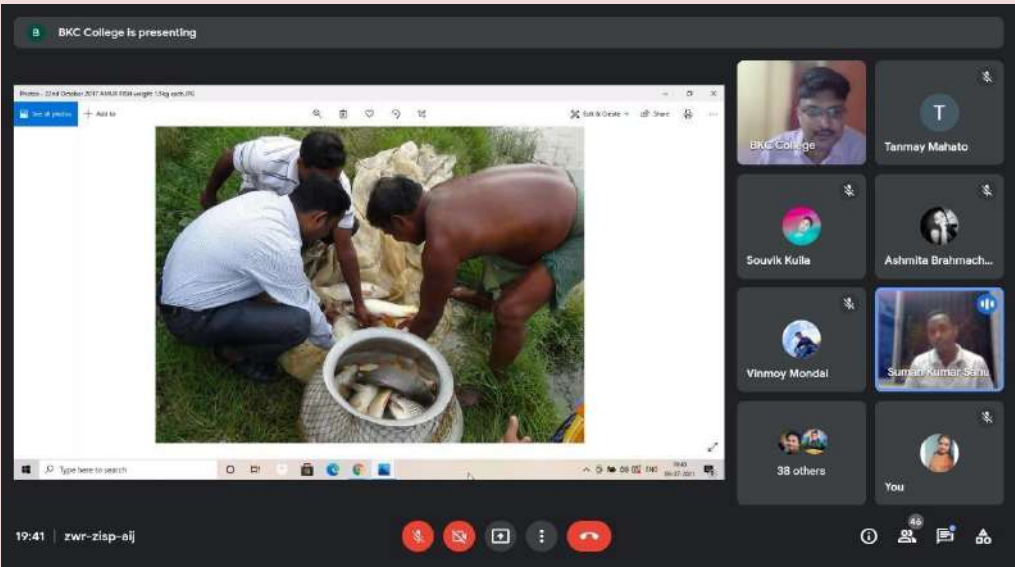
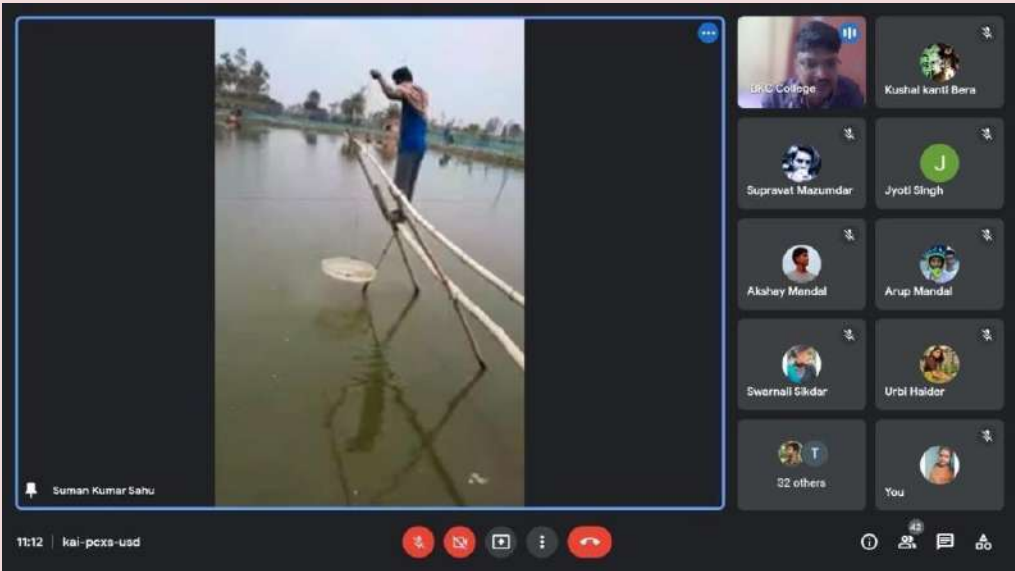
JULY

9

11:00 AM VISIT

07:00 PM DISCUSSION





On 10th July, 2021, National Fish Farmers Day was celebrated by the department of Industrial Fish and Fisheries with great enthusiasm. An intra-departmental webinar session was organized where Dr. Sandipan Gupta spoke on the valuable contribution of Prof. Hiralal Chaudhuri in “Blue Revolution” of India. Bapan Mondal and Nandan Das, students of semester II delivered a talk on “Impact of cyclone Yass on coastal fish farm” while Arpan Nayak and Malay Duyari, of semester IV spoke on “Increasing interest of fish farming day by day”. The session ended on a cultural note where students recited their self-composed poems and presented sketches which later were shared on our departmental Facebook page.

**CELEBRATION OF
NATIONAL FISH FARMERS DAY**
by
**DEPARTMENT OF INDUSTRIAL FISH AND FISHERIES
BRAHMANANDA KESHAB CHANDRA COLLEGE**



DR. SANDIPAN GUPTA
PROF. HIRALAL CHAUDHURI: FATHER OF INDUCED BREEDING

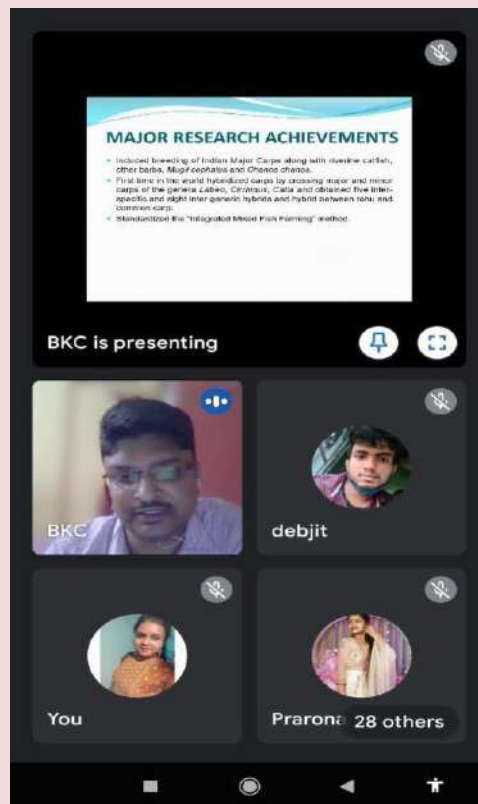
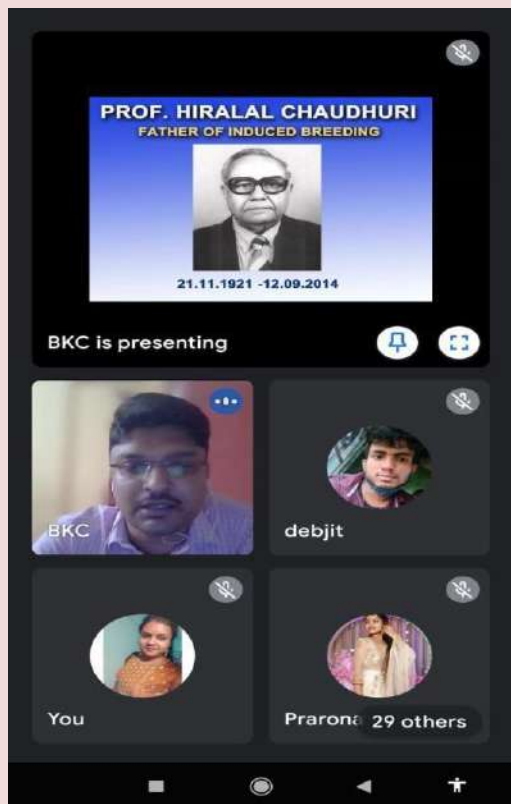



BAPAN MONDAL NANDAN DAS
IMPACT OF CYCLONE YASS ON COASTAL FISH FARM

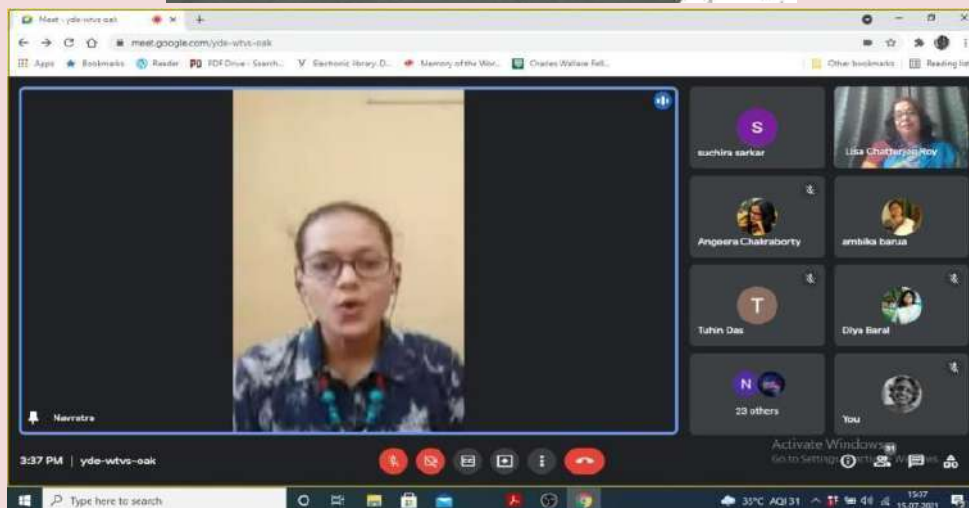
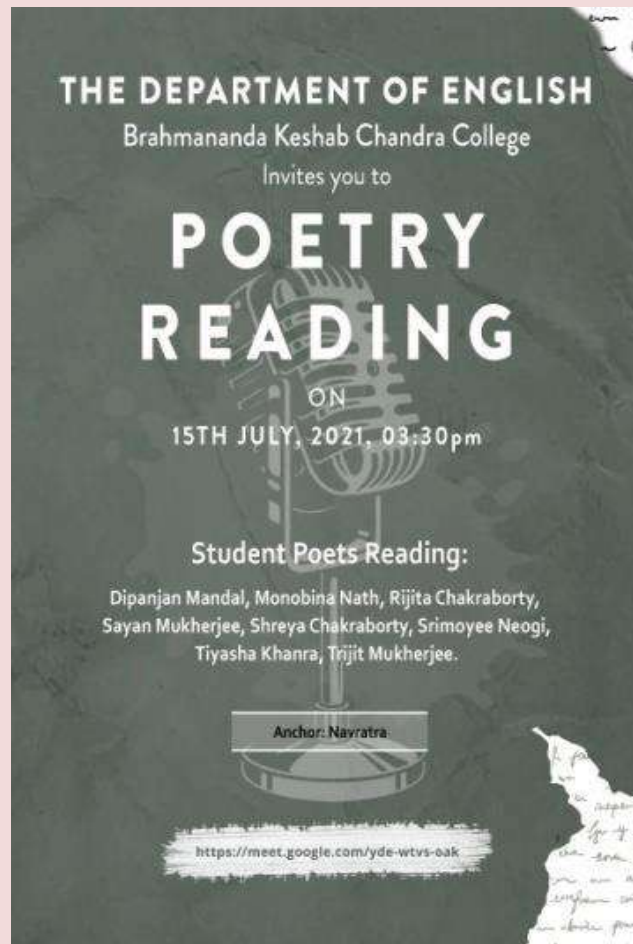


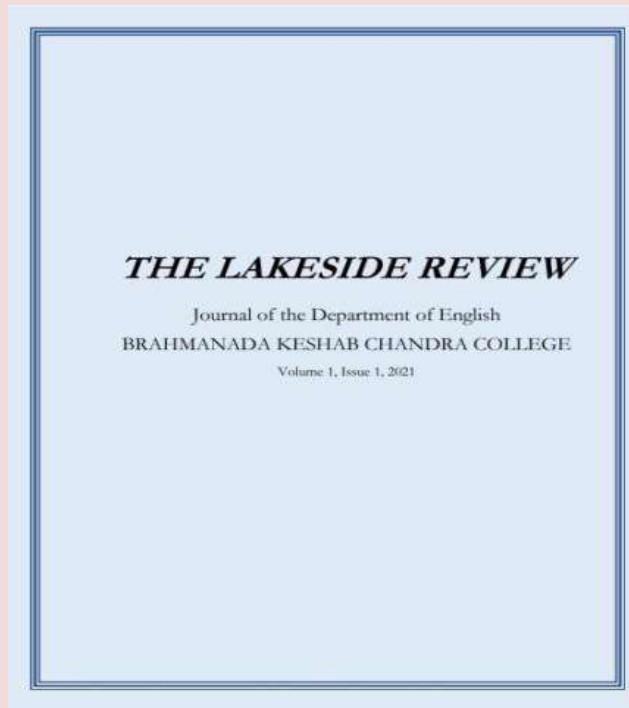
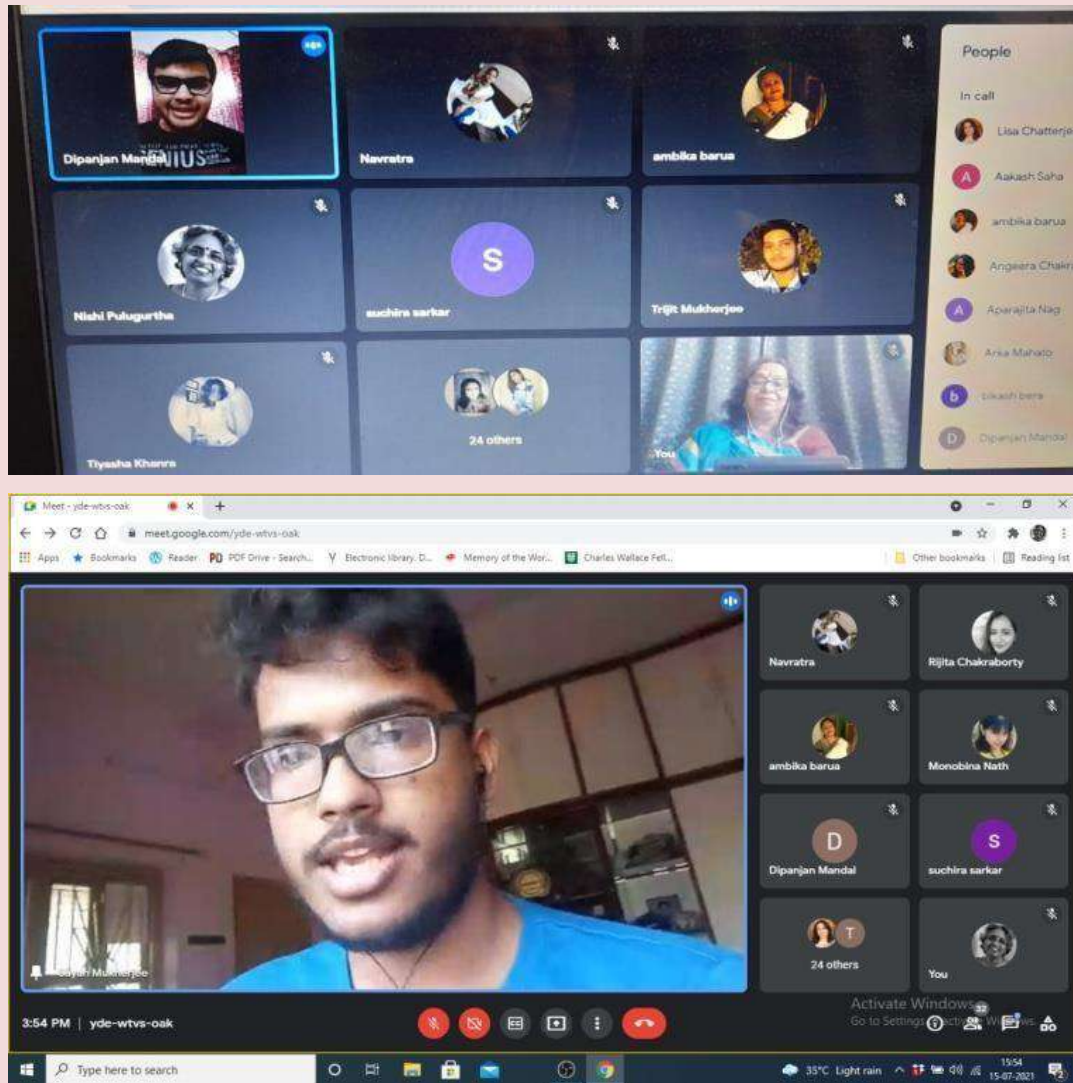

ARPAN NAYAK MALAY DUYARI
INCREASING INTEREST OF FISH FARMING DAY BY DAY

DATE: 10.07.2021 | TIME: 5 PM | PLATFORM: G-MEET



The Department of English organized a Poetry Reading Session on 15th July, 2021 at 3:30 PM via Google Meet. Eight student poets, Dipanjan Mandal of semester II, Sayan Mukherjee and Shreya Chakraborty of semester IV, Monobina Nath, Rijita Chakraborty, Srimoyee Niyogi, Tiyasha Khanra and Trijit Mukherjee of semester VI participated in the programme where they read their self-composed poems. On this occasion the department presented its first issue of the Journal titled *The Lakeside Review*. This first issue is devoted to the self-composed poems of the students of the department which they read at the event.





The students of the department of English participated by reading poetry for the “Therapy: Healing Series” curated by Dr. Naina De, Associate Professor, Department of English of Manindra College, Kolkata curated a poetry reading series on YouTube. Monobina Nath (semester VI), Sayan Mukherjee (semester IV) and Tiyaasha Khanra (semester VI) participated in this series.

Here is the link of Monobina Nath’s poem:

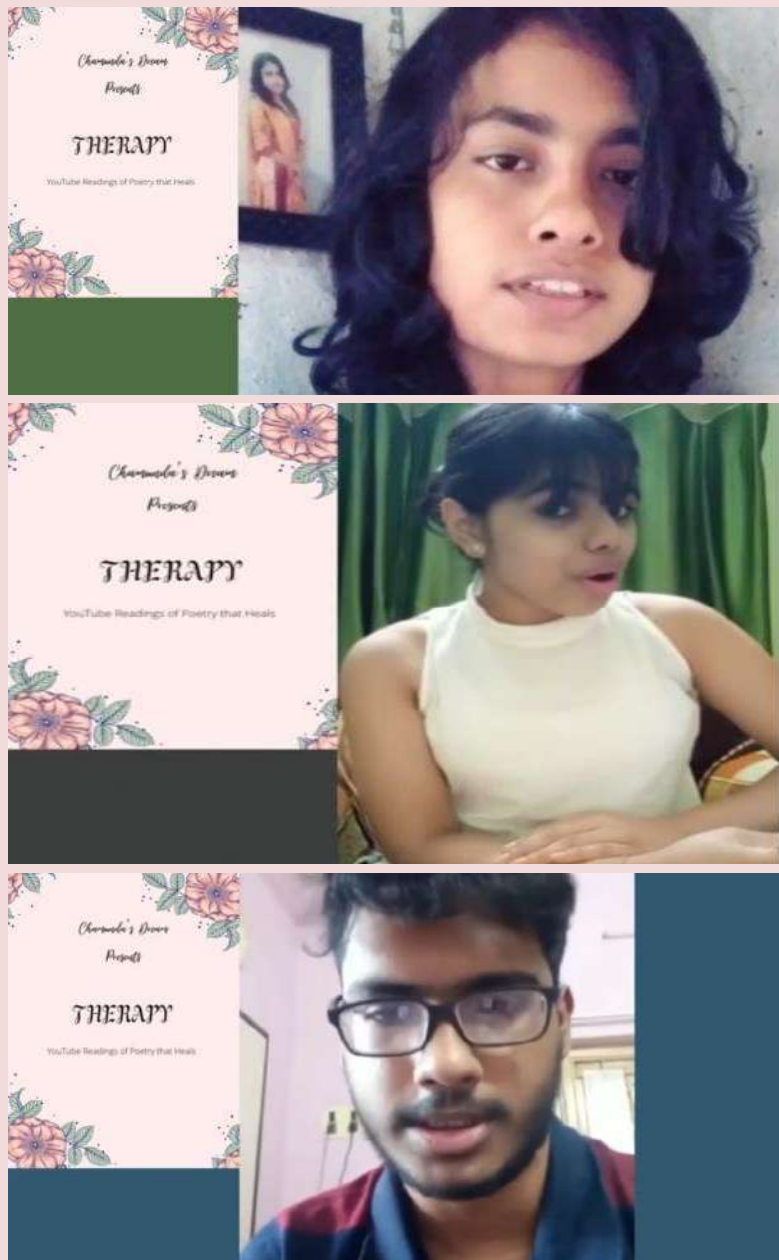
<https://youtu.be/K5yz2PHoI2Q>

Here is the link of Sayan Mukherjee’s poem:

<https://youtu.be/PzrEBd1S4FM>

Here is the link of Tiyaasha Khanra’s poem:

<https://youtu.be/BO1d9F9ywh4>



Two students of the department of English published their poems in the June issue of the bilingual magazine Setu published from the US. The issue was titled Figures of Thought: Collegiate Voices across Spaces and was published on 21.07.2021.

Dipanjan Mondal (Semester II) has two poems in this issue - "Wonders of Green" and "The Legacy". The link of his poems is: <https://www.setumag.com/2021/06/figures-of-thought-collegiate-voices.html?m=1>

Monobina Nath (Semester VI) has two poems in this issue - "A Cup of Hot Coffee" and "Honour in a Doll's House". The link of her poems is: <https://www.setumag.com/2021/06/monobina-nath-figures-of-thought.html?m=1>.

Sujoy Roy, Sayan Ghorai and Shubhagata Halder of the department of Zoology participated and successfully completed a summer training Course on "Emerging Trends at the Interface of Chemistry, Zoology and Mathematics" organised by Mugberia Gangadhar Mahavidyalaya sponsored by DBT, Govt. of India during the period from 15/07/2021 to 24/7/2021 and secured 80%, 77% and 80% marks respectively.

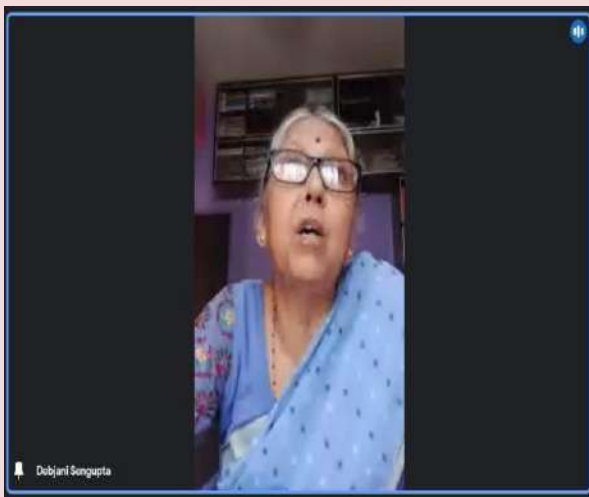


A webinar was organized jointly by ICC and IQAC unit of the college on 25th July 2021 on the topic “Harassment at workplace-Prevention & Redressal in the light of Gender Equality”.

The event began with the welcome address by Dr. Papia Chakraborti, Principal of the College where she spoke about the importance and the need to create awareness among our students and redress correspondingly.

Our external member from WBSU, Dr. Sutapa Chatterjee expressed her major concern about the crimes against women. She spoke about women’s struggle throughout the years mentioning works of Virginia Woolf and Tagore. IQAC coordinator, Dr. Manas Roy then referred to the Articles 14, 15 & 21 of the Indian Constitution & mentioned that workplace harassment occurs irrespective of any gender.

Prof. Debjani Sengupta stressed on the need for building up awareness mainly because there is a huge difference between the law and its implementation. She briefly spoke about the history of Economic Independence of Women referring to several eminent figures who had contributed in this field. She also spoke about the amendments during the time of Jawahar Lal Nehru, 74th & 75th Amendment to the constitution of India during the time of Rajiv Gandhi and lastly when Govt. of India declared the Sexual Harassment of Women at Workplace to be referred to as an ‘Act’ in 2013 which was a pressing need for legislation that could protect the rights of these working women - the first time this was brought under the public eye was by judicial activism, with the Vishaka Judgement which provided a civil remedy to women and consequently any woman who wishes to report instances of sexual harassment at workplace has the right to take recourse of both civil & criminal proceedings. The very recent ‘MeToo’ campaign was also discussed. She then shed light on the SH-e box which is an online complaint site that caters to women working both in organized and unorganized sector and establishes a redressal mechanism for the disposal of their complaints.



The SAP committee of the college celebrated the Forestry Week “Van Mahotsav” on 27.07.2021. Online cultural programme by students and plantation drive was done by SAP team members and student volunteers.



AUGUST

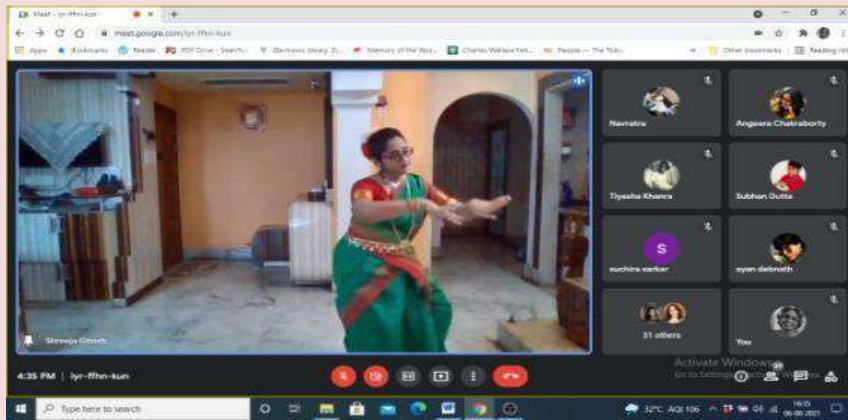
The SAP committee of the college organized MGNCRE One day District level cluster workshop on 05.08.2021. An online workshop was organised for colleges in North 24 Paraganas. Brahmananda Keshab Chandra College was awarded with one district green champion award with a certificate and prize money of rupees 5000.



The Department of English organized a Farewell Programme for the outgoing students on 06th August, 2021 at 3:00 PM via Google Meet. The students of all the semesters participated in the programme. The 6th semester students reminisced about their days spent in college. The teachers also spoke on this occasion. They also looked back at the times the outgoing batch had been with them. A video created by the outgoing batch on their college days was shared. Students read poems, sang and performed at the event.

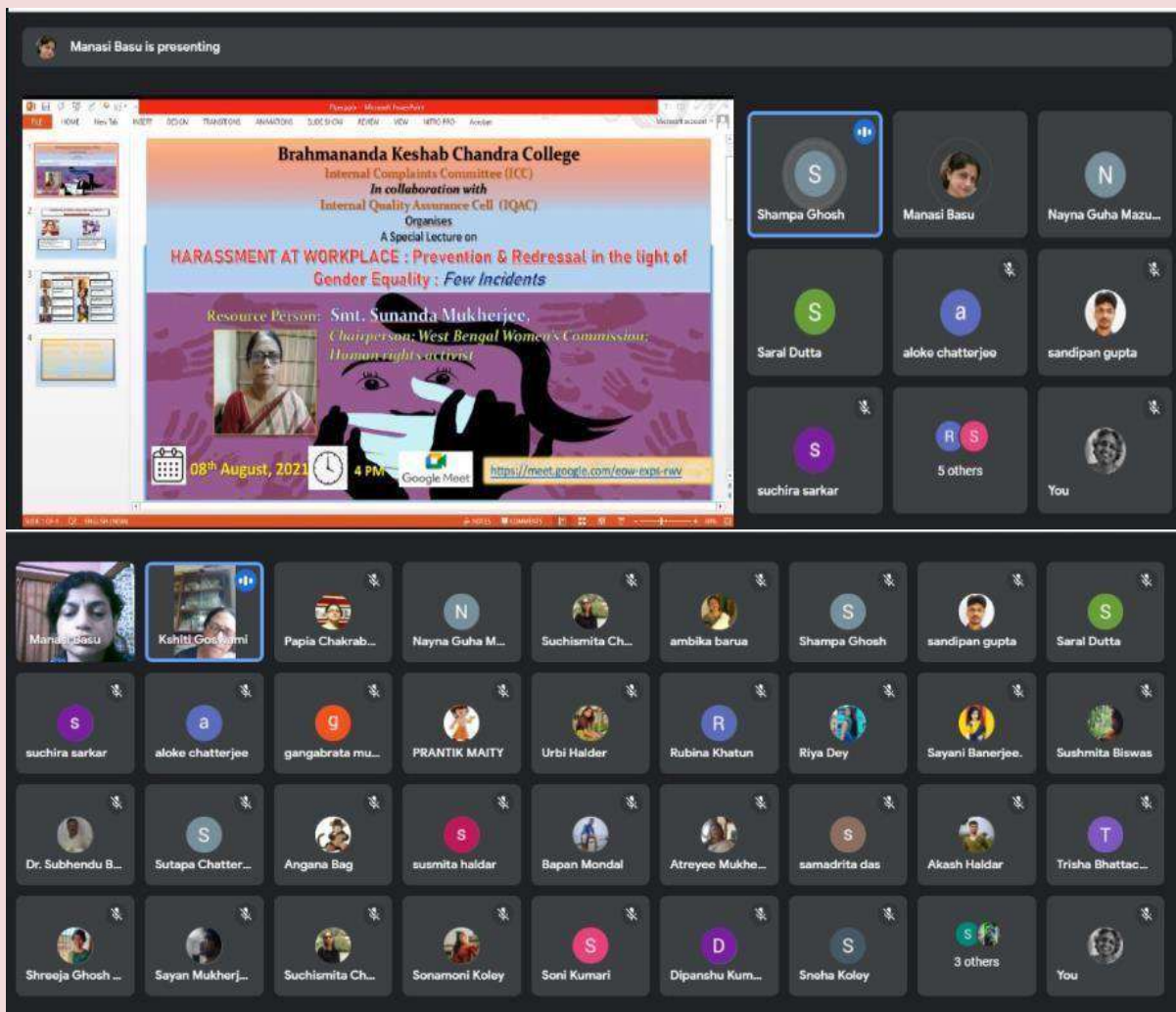
Here is the link of the programme: <https://youtu.be/MuCKYzrQV31>

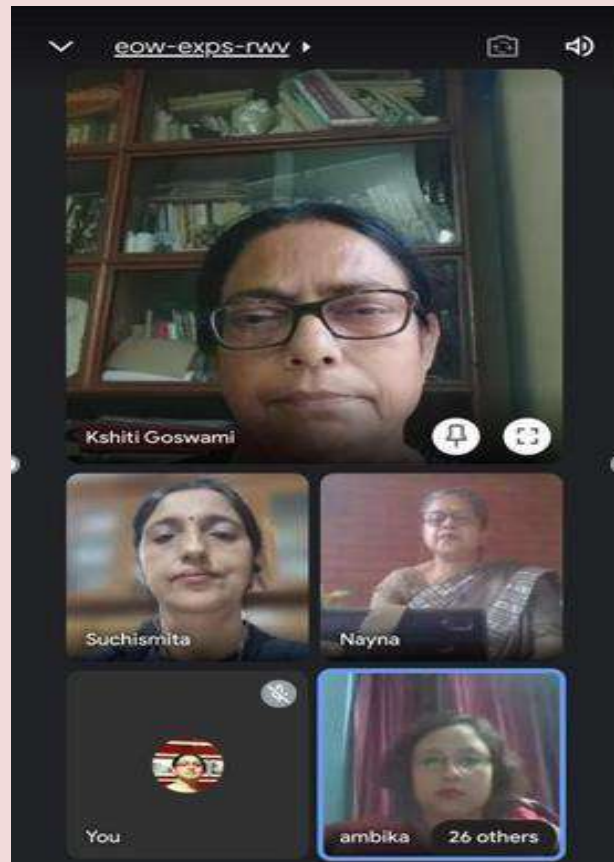




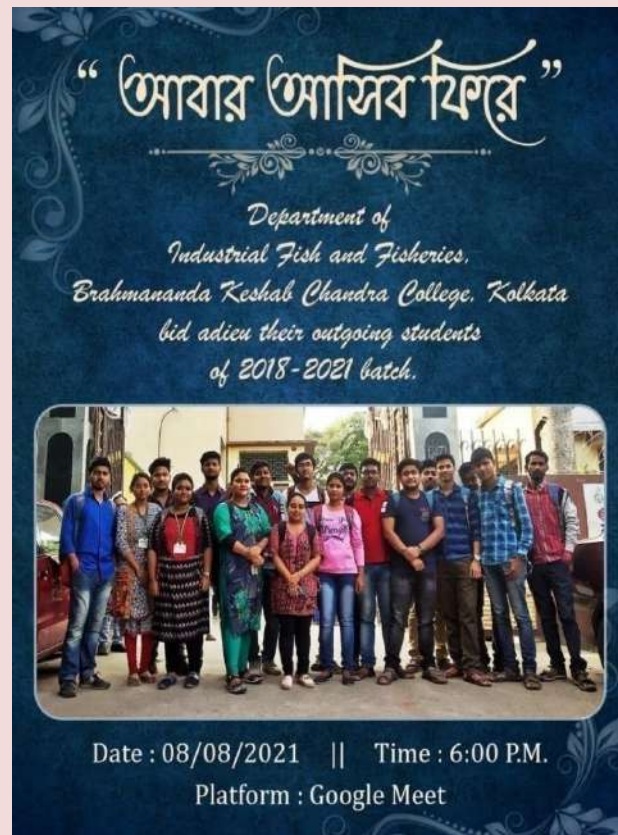
The second session of the webinar on the topic “Harassment at workplace- Prevention & Redressal in the light of Gender Equality” was held on 8th August 2021 by ICC and IQAC unit of the college. Principal Dr. Papia Chakraborti emphasized the need to share some real-life incidents related to the topic and said that it would be informative and relevant for everyone. Our external member Dr. Sutapa Chatterjee was also present in the webinar.

Our speaker, Smt. Sunanda Mukherjee spoke about the verdict of 13th August 1997- Vishaka guideline to be converted into an Act. She said that it took 16 years to recognize the plight of women at workplace after the passing of Vishaka guidelines and a legislation namely, Sexual Harassment of Women at Workplace (Prevention Prohibition and Redressal) Act, 2013. by the government. She shared examples from her experiences, several real-life incidents and narrations as to what amounts to sexual harassment. She stressed on the awareness among the girl students to identify improper-touch signs. She instructed us to treat sexual harassment as misconduct and initiate service rules and disciplinary proceedings against the alleged person.





On 8th August, 2021, students of Department of Industrial Fish and Fisheries organized a farewell program on a virtual platform to bid adieu the outgoing batch of 2018-2021. They prepared sketches, composed a video with the college days' pictures of the pass-out students to make them feel "back to college days".

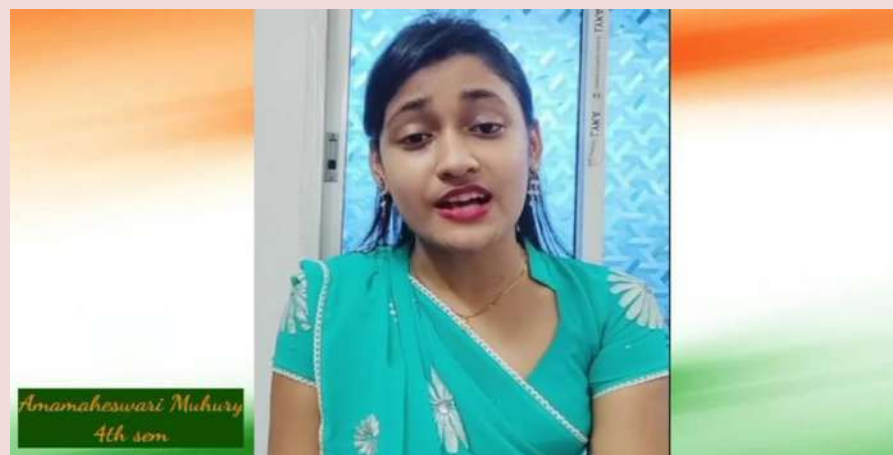




On 15th August, 2021 students of Department of Industrial Fish and Fisheries celebrated the 75th Independence Day of India virtually by sharing sketches and through a cultural program. Those were shared on our departmental Facebook page and YouTube Channel.

https://www.youtube.com/watch?v=Vlynde_irvw





75th Independence Day was celebrated on 15.08.2021 by NSS unit of the College in the College campus. Faculty members, students, NSS volunteers and non-teaching staff participated in the celebration. The celebration started with flag hoisting at 10.28 a.m. by the principal Prof. Papia Chakraborti. Then she offered flowers to the Sahid Bedi, followed by other faculty members, non-teaching members, student union members and NSS volunteers. The principal and several others garlanded the statue of the Keshab Chandra Sen. Thereafter faculty members, non-teaching members and students spoke regarding the significance of the day. The last event was cultural programme which consisted song, recitation and dance performed by NSS volunteers and students of the College. The Independence Day celebration ended at 11.45 a.m. with distribution of sweets.





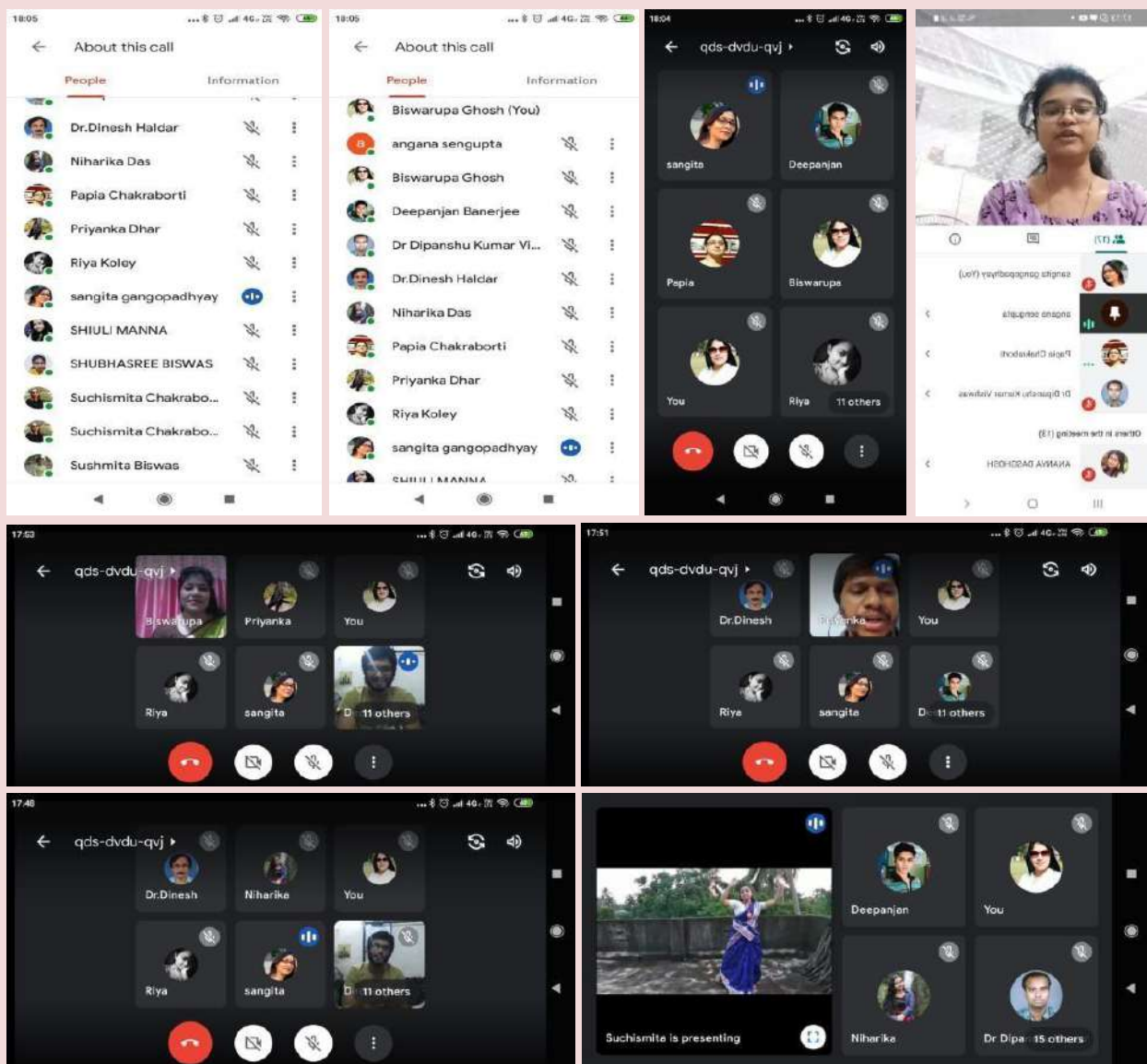
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The SAP committee of the college organized Plant Rakshabandhan on 23.08.2021. It took place at the home of students.

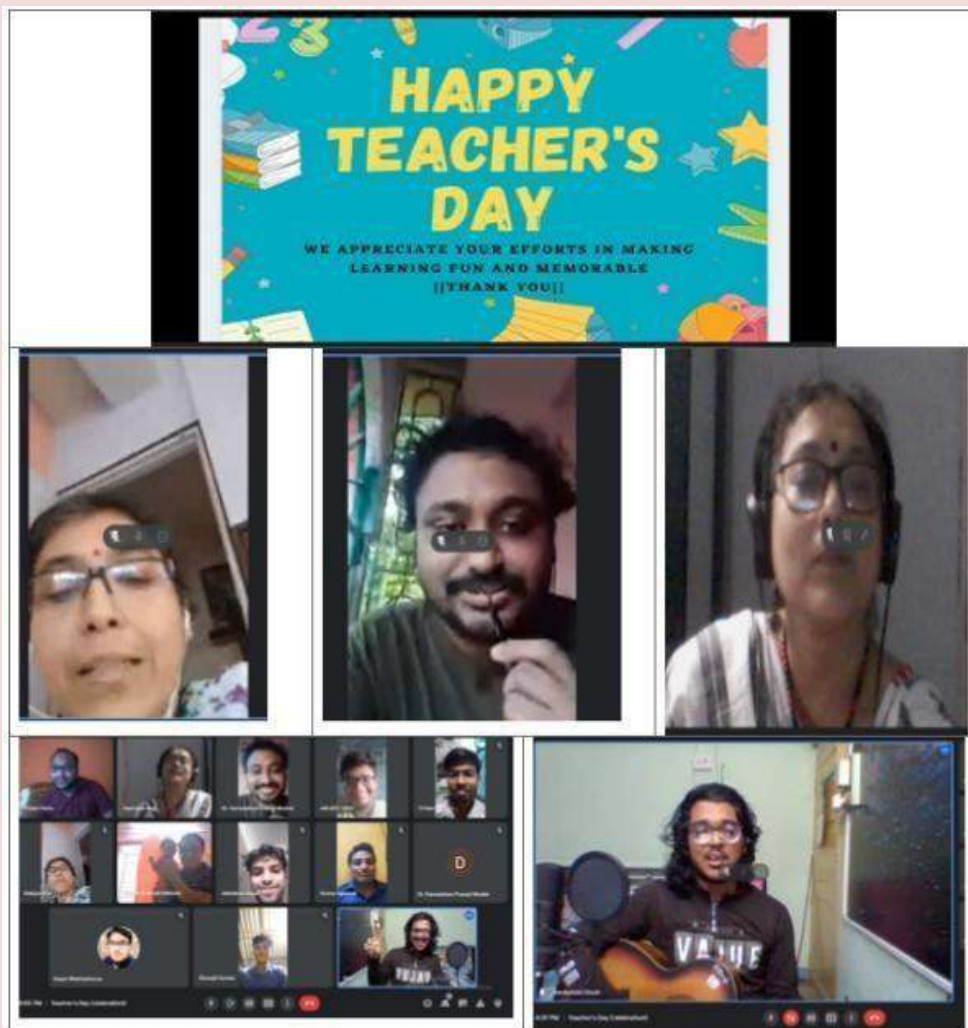


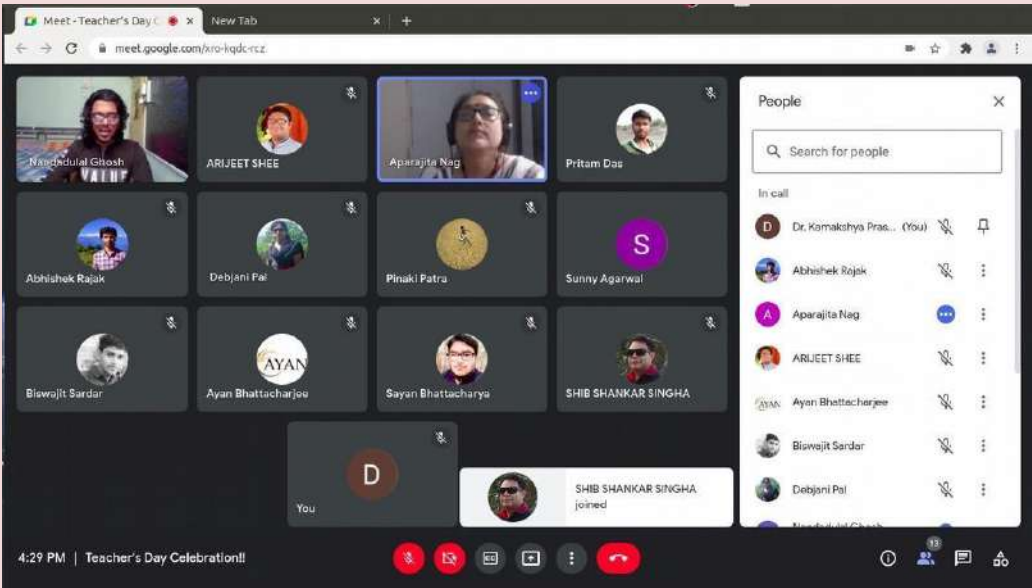
SEPTEMBER

The Teachers' Day Celebration was organized by the UG and PG students of the Botany Department on 5th September, 2021. The program began at 5.00 PM on the Google Meet. Riya Koley of semester IV gave the introductory speech for the programme. Our Principal Prof. Papia Chakraborti delivered her speech on this occasion. Angana Sengupta, PG semester II student spoke on the importance of Teacher's day. Shiuli Manna, of PG semester II recited a poem. Subhashree Biswas of semester II, also spoke at the event. Riya Koley presented a dance performance on this occasion. Deepanjan Banerjee, of semester IV presented a song. Several faculty members also performed at the event.



A cultural programme was organized on the occasion of Teachers' Day on 5th September, 2021 by the department of Physics.





A farewell programme for the outgoing students of UG and PG was organized via Google Meet by cultural committee of the College on 12.09.2021. The Principal delivered an inspiring speech for the outgoing students. After that, performances by the students were held. A slide show of paintings by the students took place. Outgoing students shared their memories about their college life in the programme.

The engineers from water resource development and irrigation department of the Government of West Bengal inspected the feasibility of setting up a rainwater harvesting and ground water recharge facility in the College on 13.09.2021. The entire programme was conducted by the SAP committee of the college.




A small video clip was prepared by SAP Committee and sent to MGNCRE for signage documentation in college campus on 30.09.2021.



On 30th September, 2021 Department of Industrial Fish and Fisheries organized a webinar on Ocean Information Services by INCOIS for Societal Benefits in collaboration with ESSO- Indian National Centre for Ocean Information Services, Ministry of Earth Sciences, Government of India, Hyderabad. Dr. Sourav Maity, Scientist under Marine Fisheries Advisory Services Programme spoke on the inception of INCOIS, services INCOIS provided, how INCOIS advises on potential fishing zone analyzing the satellite images, difference between pattern of PFZs in monsoon and winter season, the indigenous knowledge fishermen use to identify the fish assemblage areas among others.

Webinar on
“OCEAN INFORMATION SERVICES BY INCOIS FOR SOCIETAL BENEFITS”
 Jointly Organized by
 Department of Industrial Fish and Fisheries
 Brahmananda Keshab Chandra College, Kolkata | ESSO - Indian National Centre for Ocean Information Services
 Ministry of Earth Sciences, Government of India, Hyderabad

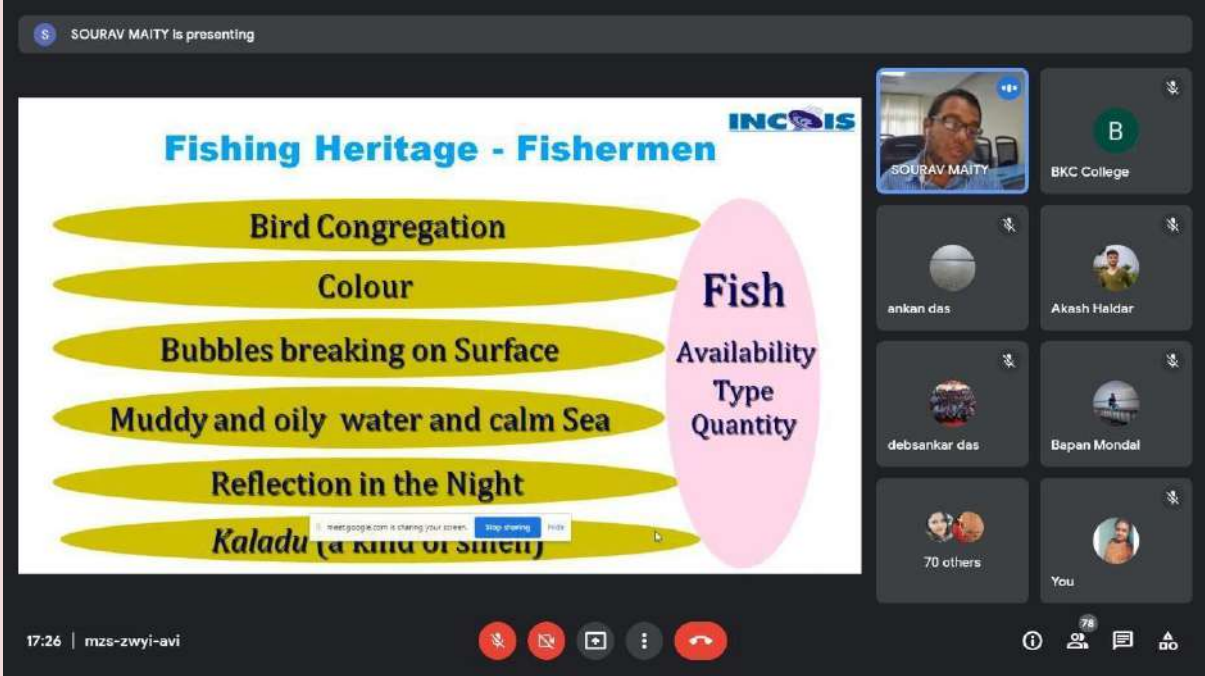
	SPEAKER Dr. Sourav Maity	Date : 30.09.2021
	Scientist OSAR Group ESSO-INCOIS MoES, Government of India Hyderabad	Time : 5.00 PM
		Platform : Google Meet
		YouTube LIVE : INCOISofficial Hyderabad
		Register : https://forms.gle/XBhDMIWss6ojjAQh6 Last date of registration: 28.09.2021

Joining link will be shared through e-mail and participants will receive e-certificates after submission of the feedback form

SOURAV MAITY is presenting

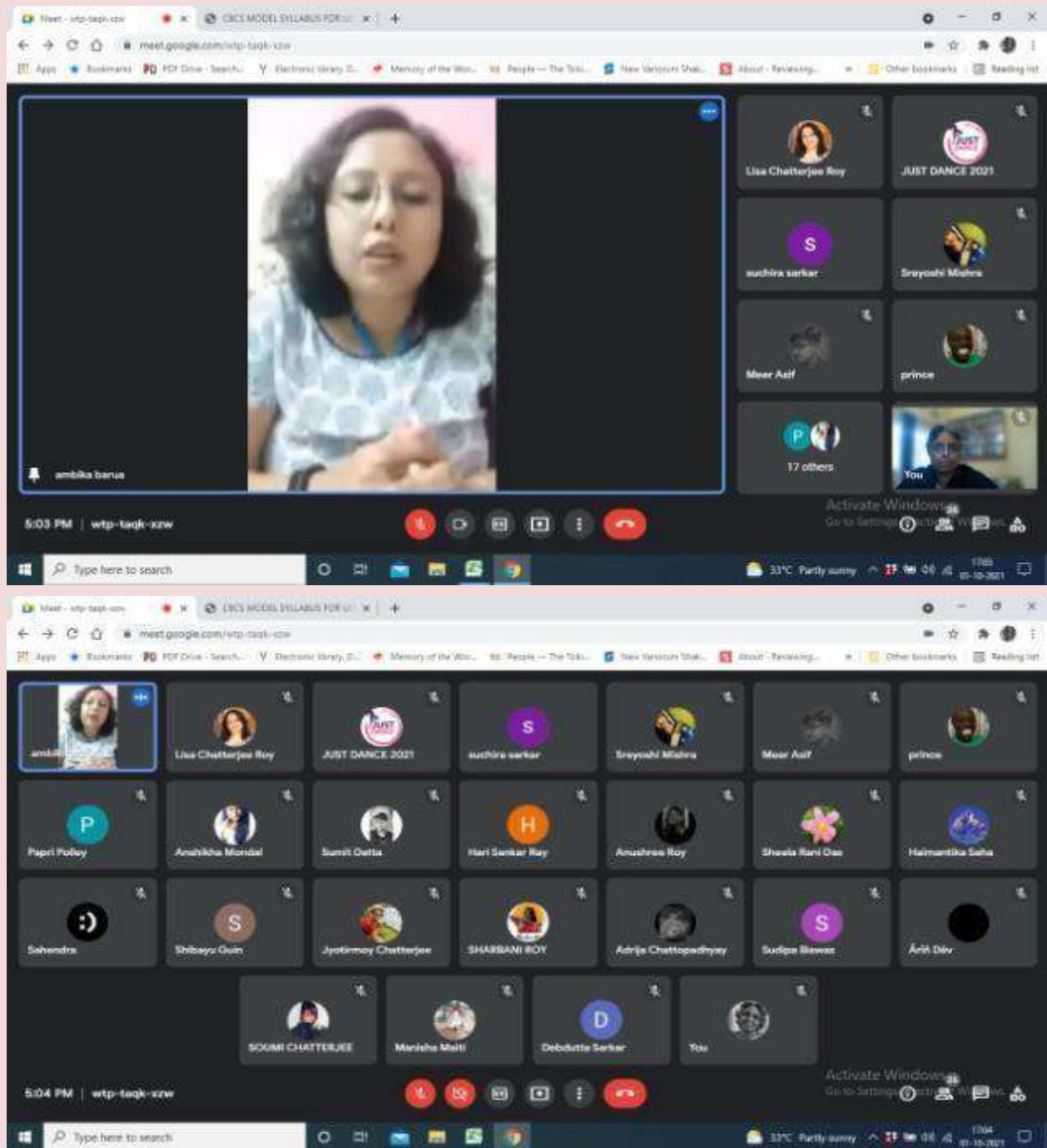
Ocean Information Service by INCOIS for Societal Benefits
 Dr Sourav Maity
 30 September, 2021
 Organized by
 INCOIS & [Logo], Kolkata

Participants: SOURAV MAITY, BKC College, Amamaheswari Mu..., Papiya Chakraborti, Akash Halder, debankar das, 67 others, You



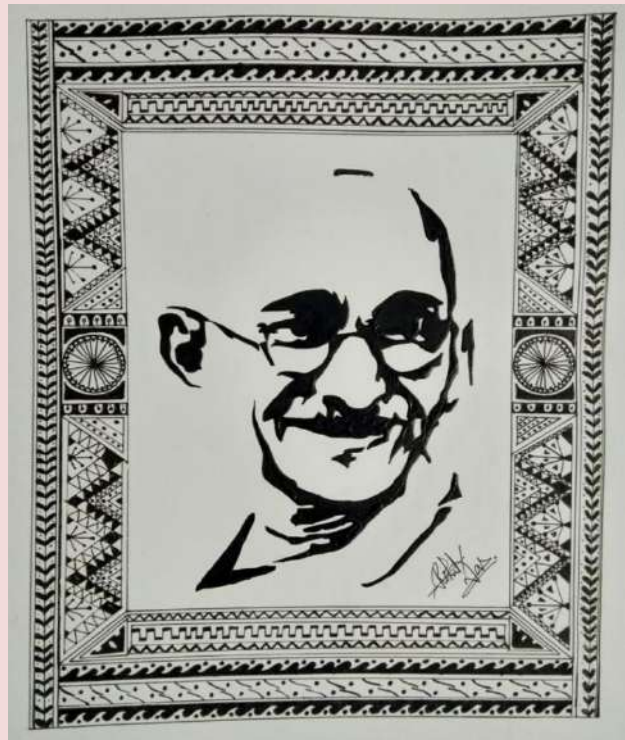
OCTOBER

The Department of English organized an Induction Programme for the Semester 1 students on 1st October 2021 at 5:00 PM via Google Meet. All faculty members of the department spoke to welcome the new batch and familiarize them with the department and the faculty members. The teachers discussed the syllabus, practices, processes, department activities and also provided the mentor lists.

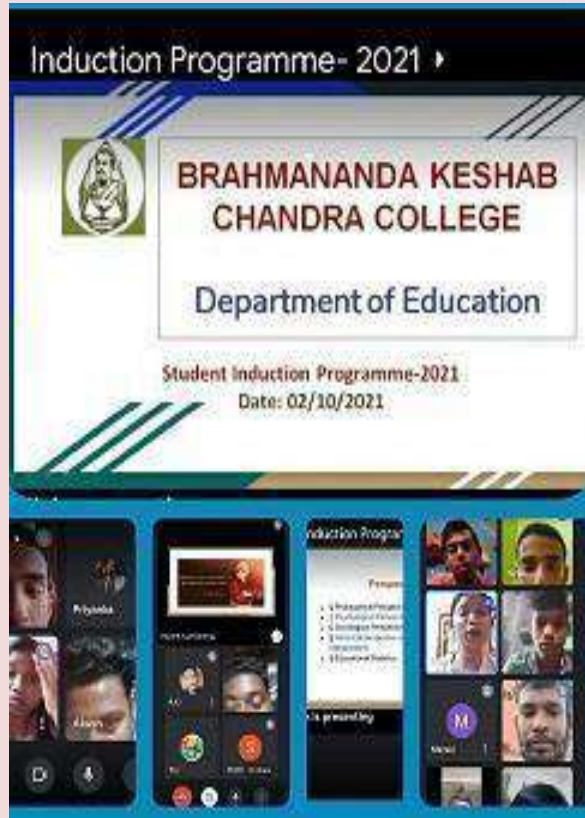




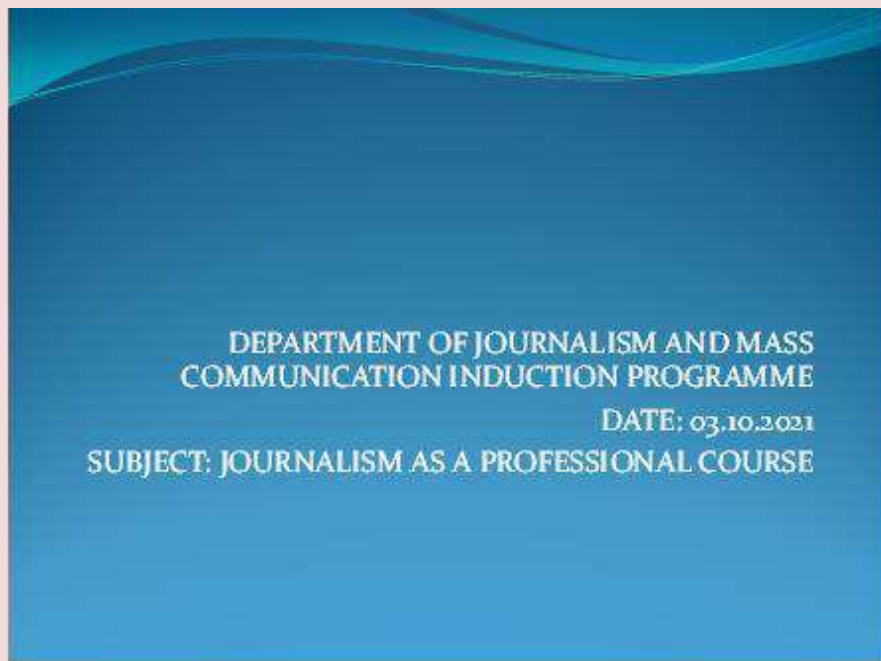
Every year 2nd October is celebrated as “Gandhi Jayanti” to celebrate the birth anniversary of Mahatma Gandhi. This year students of the department of Industrial Fish and Fisheries celebrated Gandhi Jayanti virtually by sharing sketches on Mahatma Gandhi; those were shared in their departmental Facebook Page.



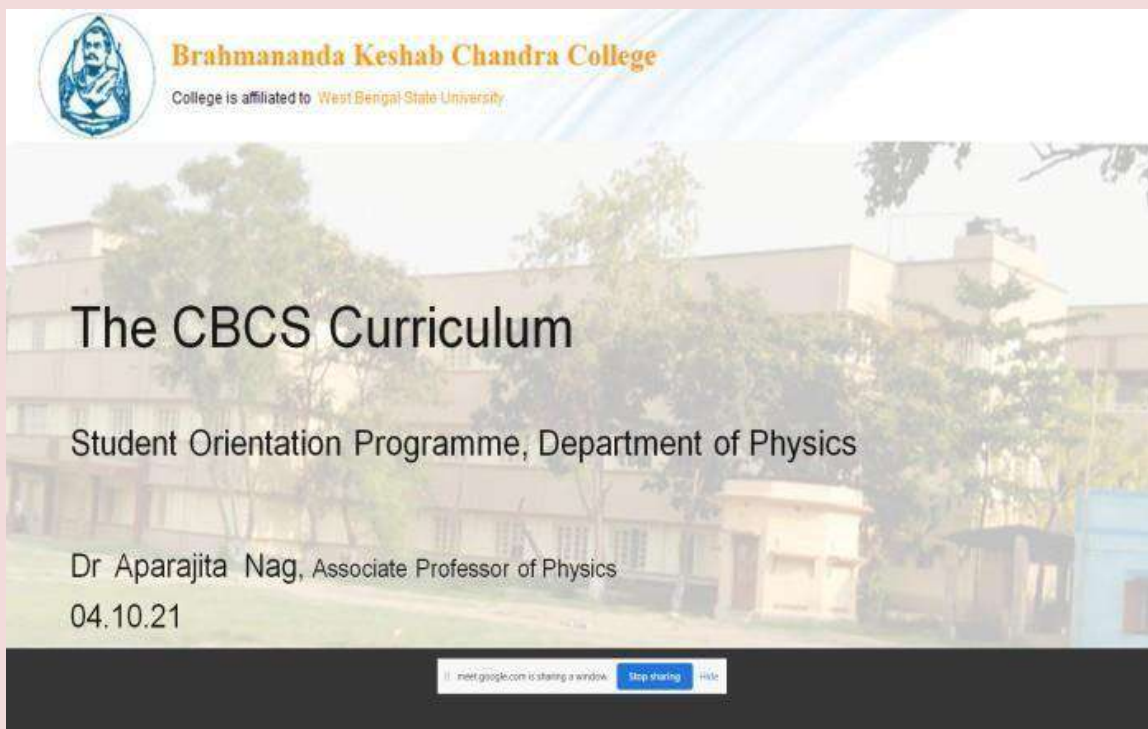
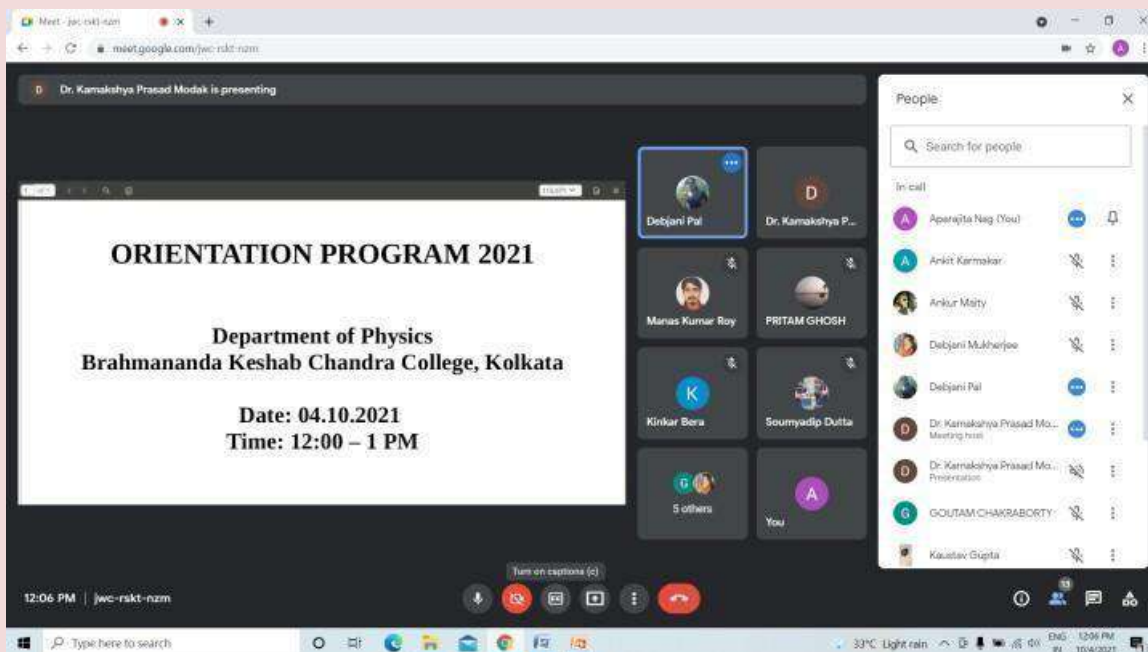
Student Induction Programme was held on 02.10.2021 (via Google meet) by the Department of Education. Topic of discussion at the programme was “Education as a subject”.

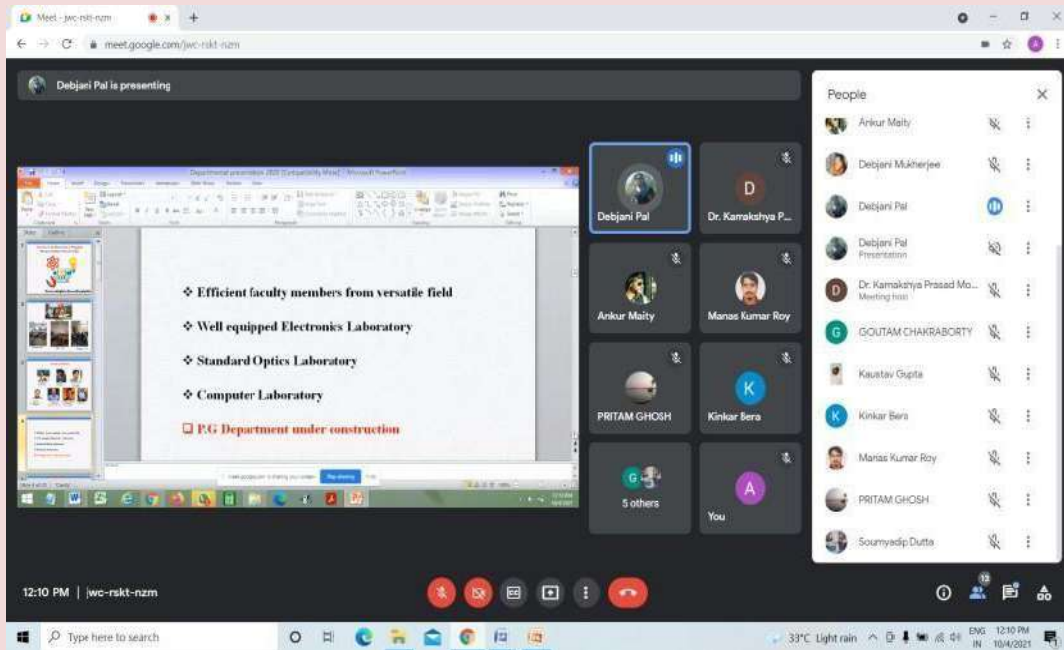
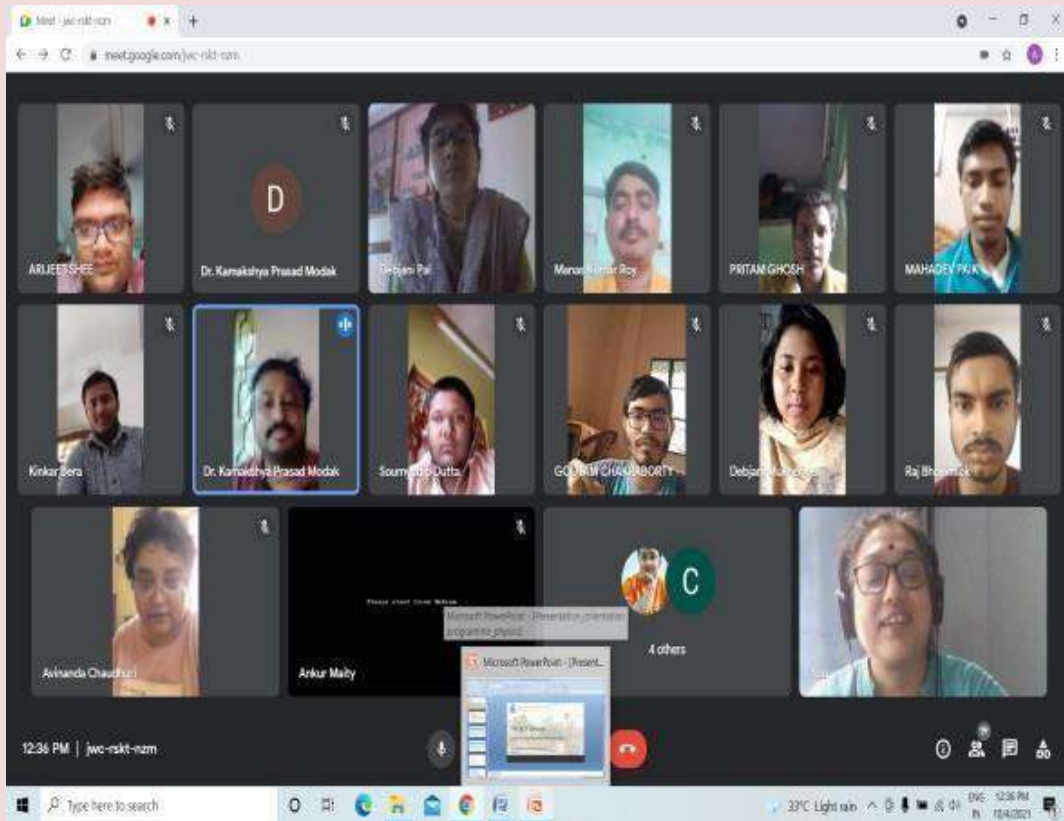


The department of Journalism organized a Students Induction Programme on 03.10.2021.

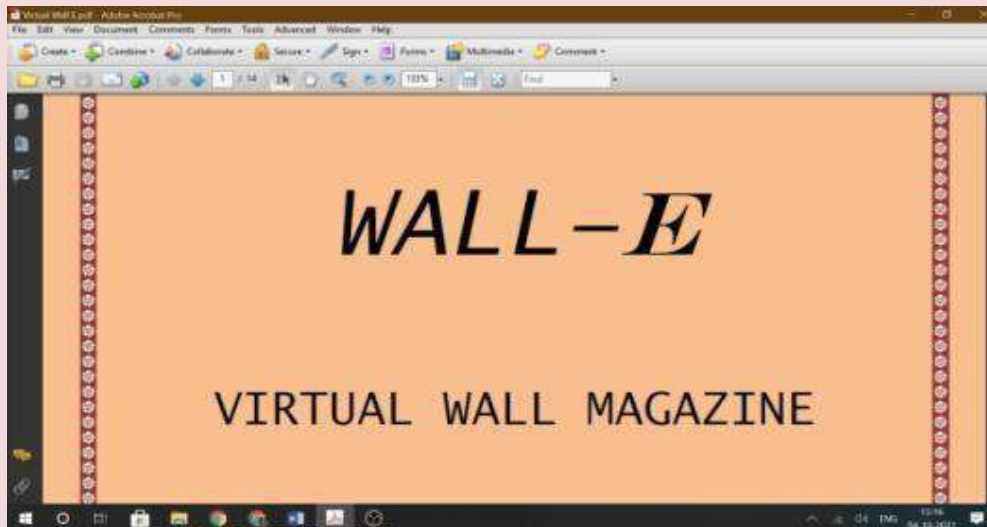
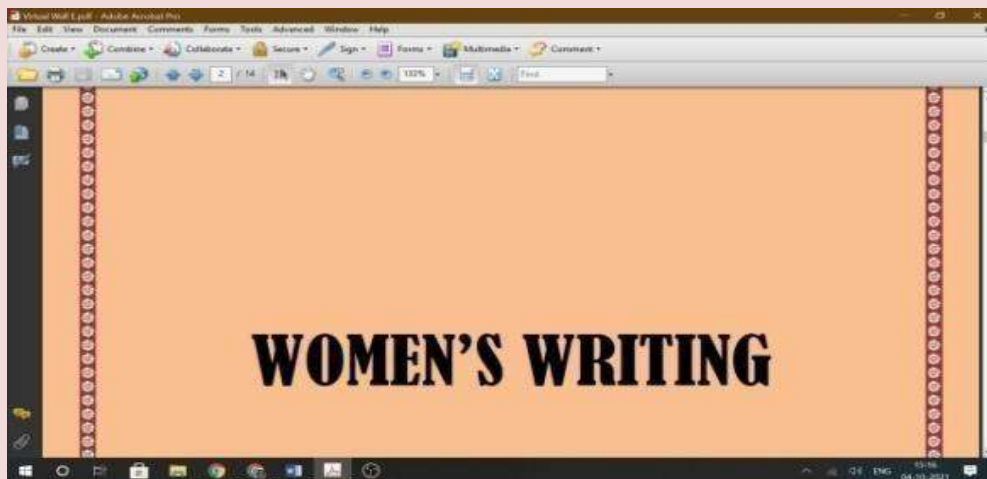
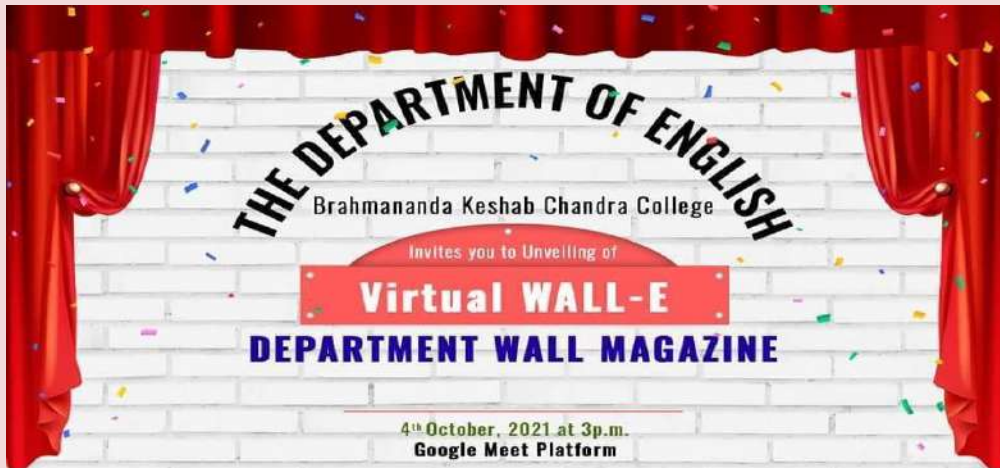


The Department of Physics organised an orientation programme for newly joined Semester I students of the department on 4th October, 2021 from 12:00 – 1:00 PM.



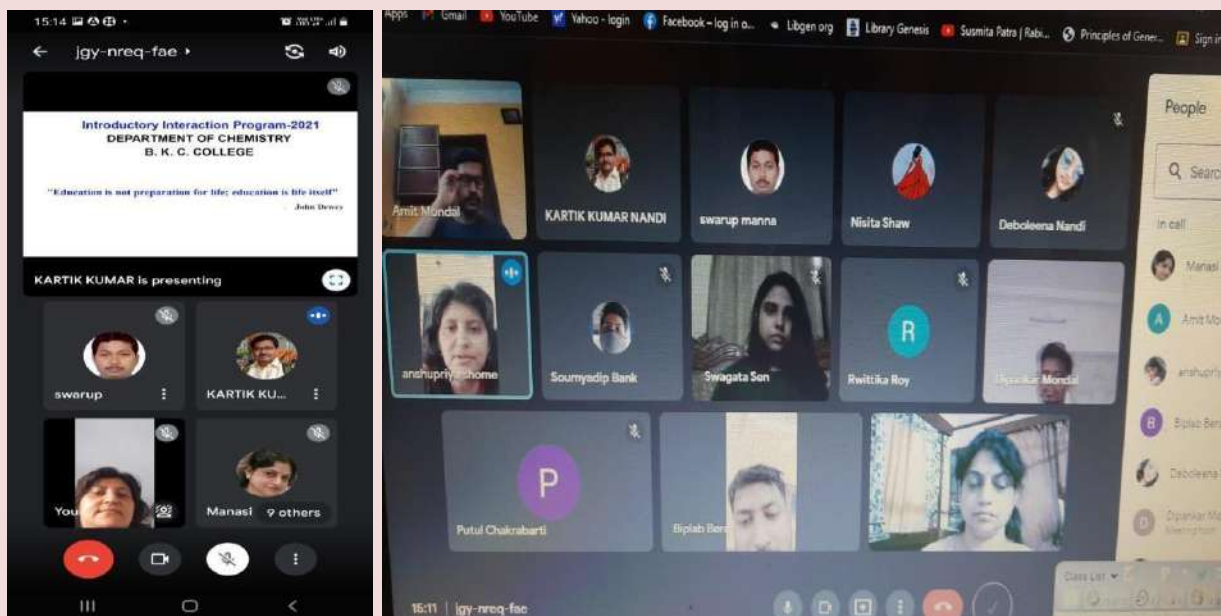


The Department of English unveiled the Virtual Wall Magazine on 04th October, 2021 at 3:00 PM via Google Meet. The theme of the Wall Magazine was Women's Writing. The 5th Semester students of the department contributed articles, images and sketches to this issue. The softcopy (pdf file) of the Wall Magazine was shared on screen during the event and then it was posted to all the official WhatsApp groups of students and faculties and also to the official Facebook page of the department and the college.



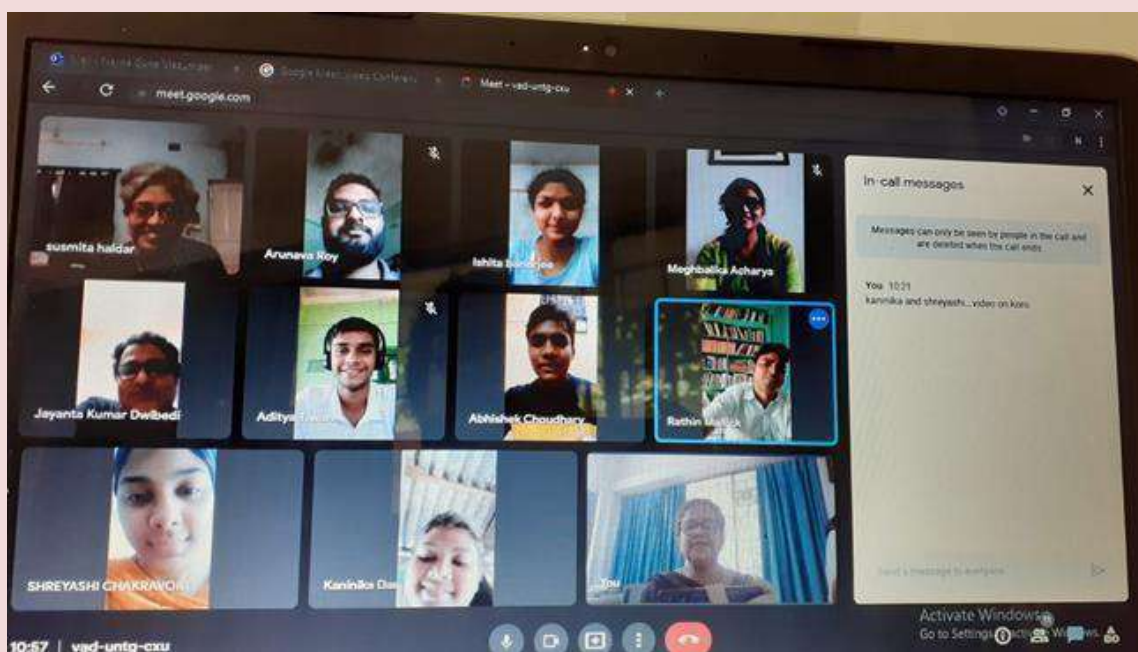


The Department of Chemistry organized an Orientation Programme for SEM-I Honours Students on 04.10.2021.

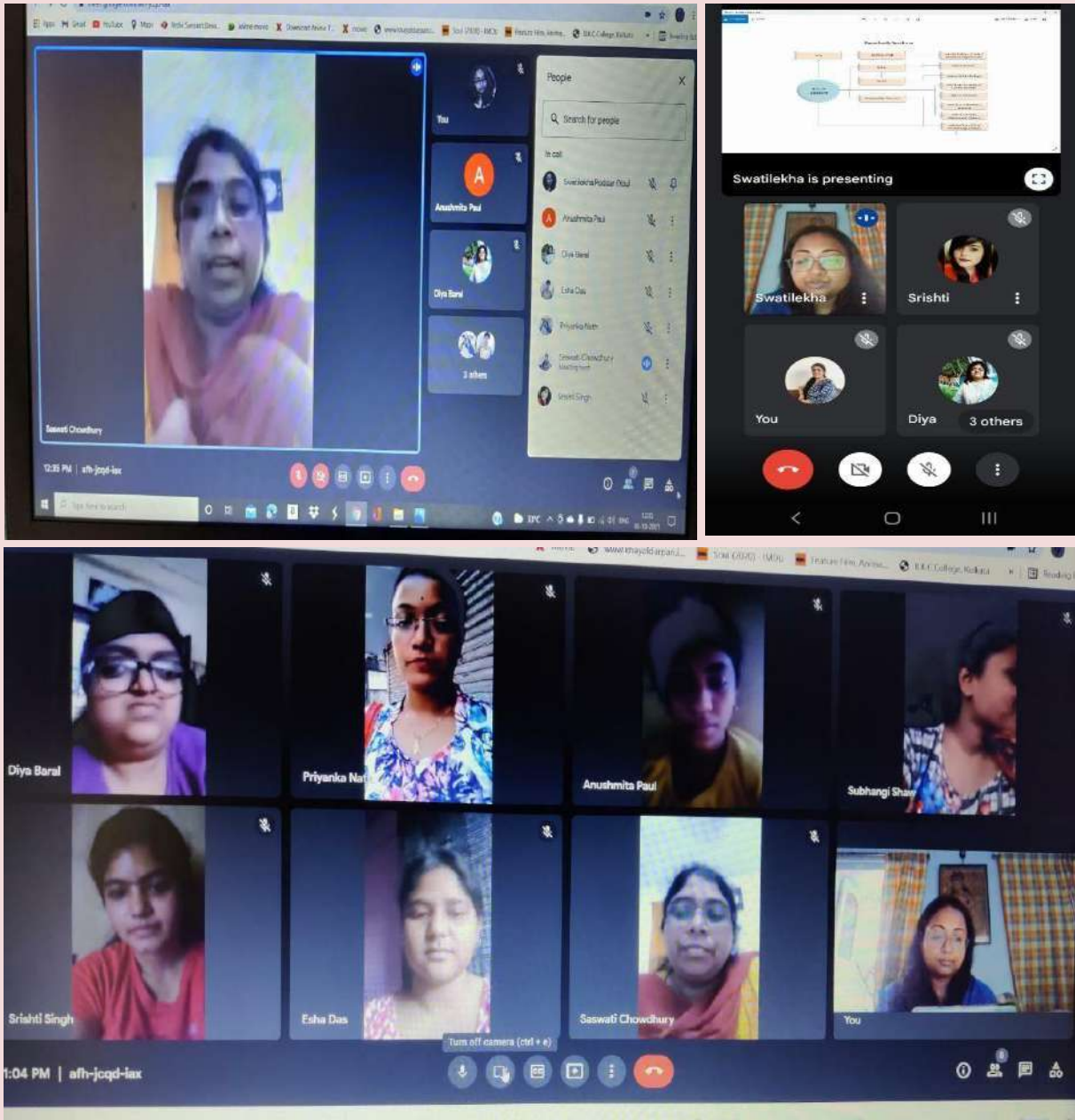


An Induction Program was organized by the Department of Economics on 4th October 2021 for the Semester I students of Honours and general course. Senior students of the department were also present in the virtual session on Google Meet.

Faculty members welcomed the new batch of students, spoke about various aspects that new students needed to know about the department, courses and examinations.



The Department of Sanskrit organized an Induction Programme for the Semester 1 students on 05th October, 2021 on Google Meet. Dr. Swatilekha Podder spoke on the “Prospects of studying Sanskrit”.



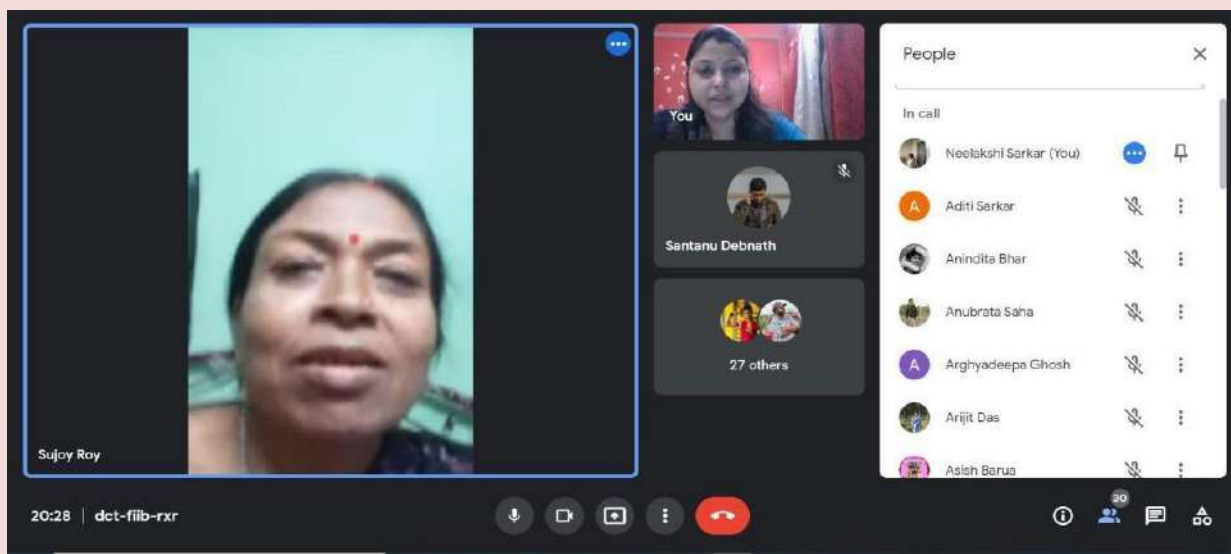
The department of Zoology organised an online Guardians' Meeting on 05.10.2021 for students of semester-V Honours. A total of 28 Guardians participated in the event and discussed the hardships that they and their wards faced during these trying times. All faculty and parents actively participated in the event whereby the parents were informed about the progress of each student and were guided as to how they can guide their children and ensure their whole-hearted involvement in academics.

Photographs can be found at

<https://www.facebook.com/103499728187661/posts/360492385821726/>.

Feedback of all parents were recorded in Google forms, the link to which is

https://docs.google.com/spreadsheets/d/128ijXuQvWD3yKgKQbig0YON_ahFqMC/edit?usp=sharing&ouid=106180774523066889171&rtpof=true&sd=true



The department of Zoology organised a student induction programme on 07.10.2021. The students of semester I were welcomed and introduced to the department at the programme. A total of 54 participants were present including students from the honours as well as the general stream of semester -I. Dr. Aparajita Nag of the Department of Physics of the College, Kolkata delivered a presentation on the “Choice based Credit System” and how this system differs from the pre-existing system. Later in the event, Mr. Arabindo Mahato, Staff, Account Section of the College addressed all issues regarding the submission of College fees, registration of Students in WBSU and the importance of Student ID. They were informed what they should do if any dispute arises in the payment related matters. This was followed by a Student-Teacher Interactive Session where the newcomers were introduced to all the teachers of the department.




Students'

Induction Programme, 2021

Organised by
Department of Zoology
Brahmananda Keshab Chandra College,
Bon-Hooghly, Kolkata -700108



→ **Date:** 7th October, 2021

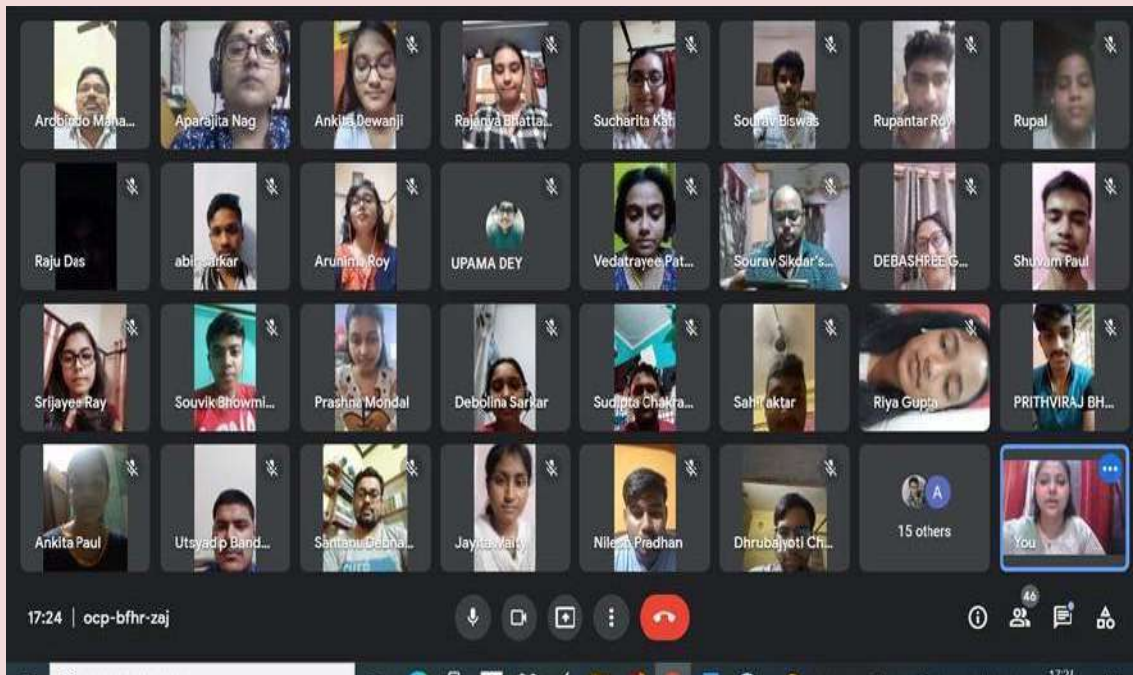
→ **Platform:** Google-Meet

→ **Time :** 4:00 pm

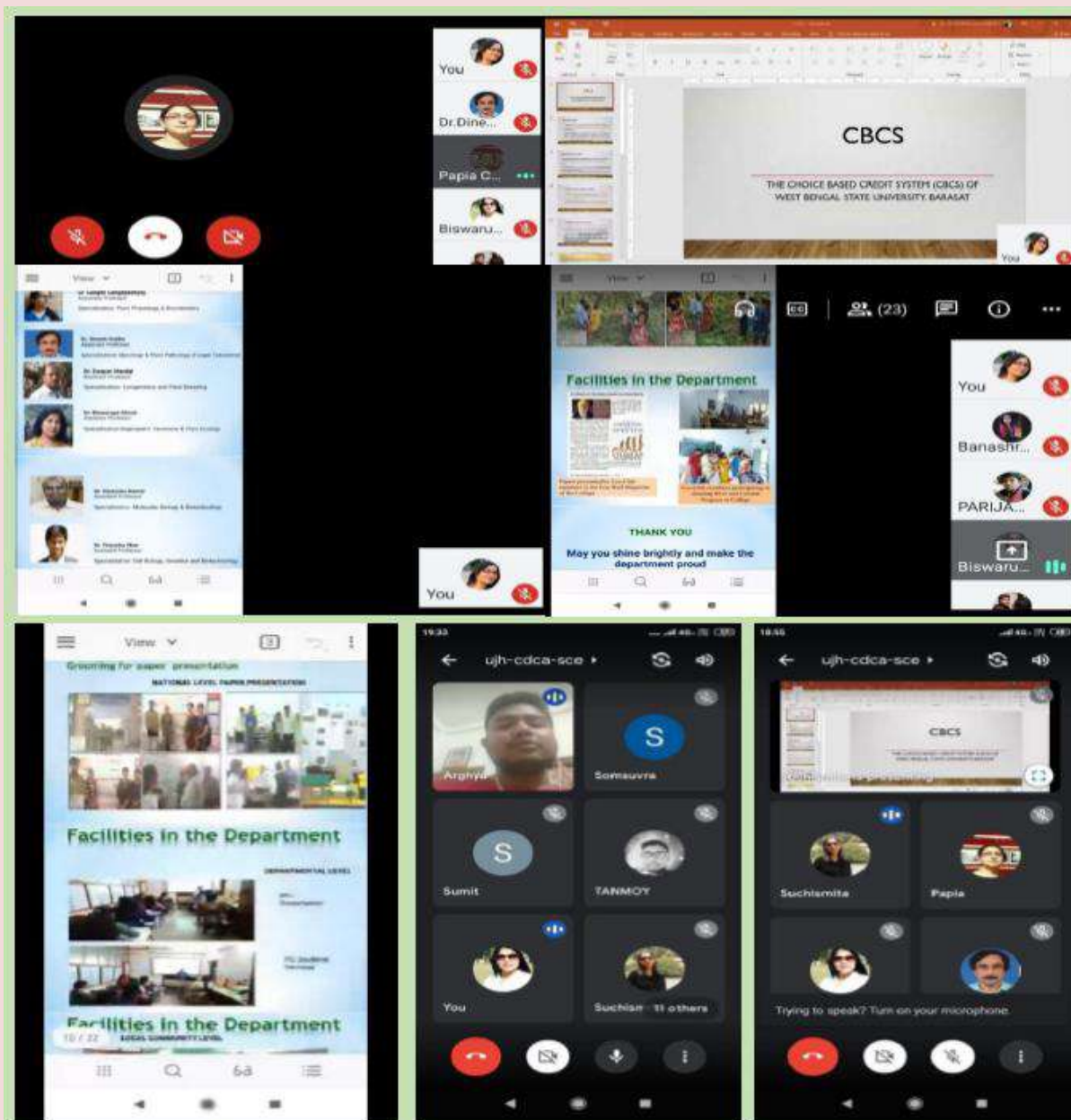
Joining links
<https://meet.google.com/ocp-bfm-zaj>

Schedule:

1. Introductory speech by Head, Dr. Neelakshi Sarkar
2. Address by Principal, Dr. Papia Chakrabarti
3. Note on CBCS system by Dr. Aparajita Nag
4. Note on Fees Payment and other official proceedings by Mr. Arabindo Mahato
5. Student-Teacher Interactive Session.



The online Students Orientation Program 2021 for UG Semester I Batch of the Department of Botany was held on 08.10.2021. Principal Prof. (Dr.) Papia Chakraborti delivered her speech to welcome and motivate the students. She also spoke on the importance of Botany and the multidisciplinary nature of the application of this subject. Faculty members of the department spoke at the event too highlighting various aspects of the course.

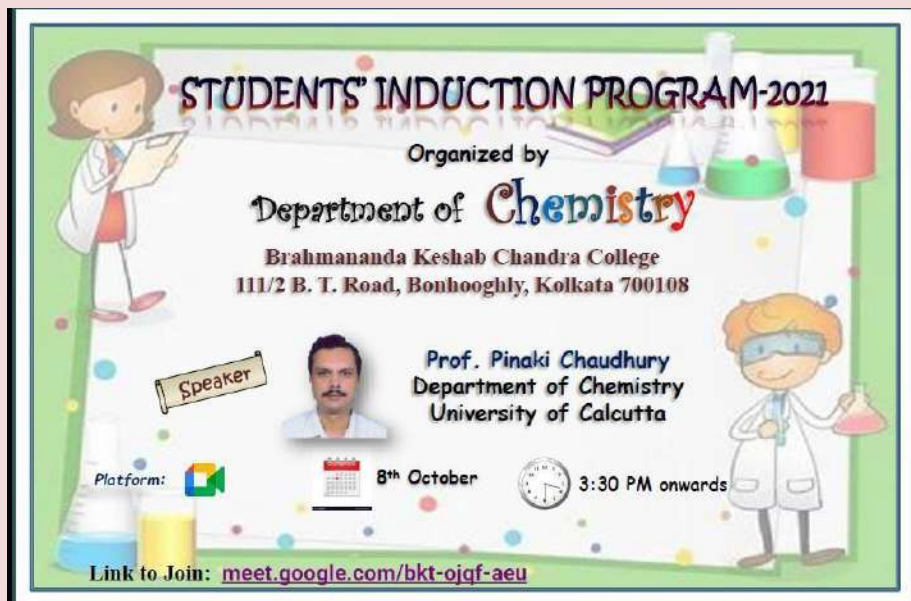


The Department of English organized the Annual Students' Seminar 2021 on 08th October, 2021 at 3:00 pm via Google Meet. The theme of the seminar was Indian Classical Literature. There were eight paper presenters in the seminar from the 3rd Semester. Some of the presenters also prepared PowerPoint presentations and shared them. The softcopy of the proceedings of the seminar was shared during the seminar.








The Department of Chemistry organized a Students' Induction Programme on 08.10.2021.



STUDENTS' INDUCTION PROGRAM-2021
Organized by
Department of Chemistry
Brahmananda Keshab Chandra College
111/2 B. T. Road, Bonhooghly, Kolkata 700108

Speaker

Prof. Pinaki Chaudhury
Department of Chemistry
University of Calcutta

Platform:  **8th October**  **3:30 PM onwards**

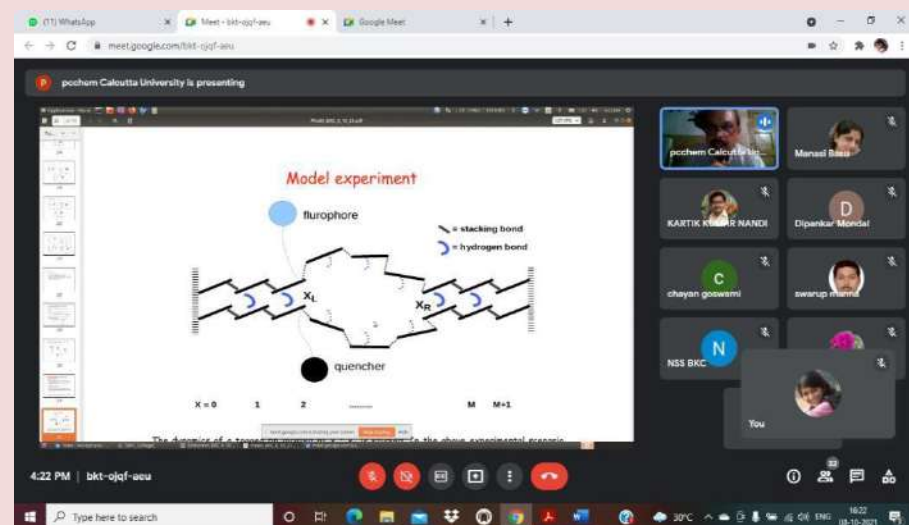
Link to Join: meet.google.com/bkt-ojqf-aeu



3:52 PM | bkt-ojqf-aeu

pochem Calcutta University

KARTIK KUMAR NANDI
Dipankar Mondal
Manasi Basu
Papita Chakraborti
Soumya Kanti Banerj...
swarup manna
NSS BKC
You



pochem Calcutta University is presenting

Model experiment

fluorophore

quenchers

stacking bond

hydrogen bond

$X = 0 \quad 1 \quad 2 \quad \dots \quad M \quad M+1$

4:22 PM | bkt-ojqf-aeu

pochem Calcutta University

KARTIK KUMAR NANDI
Dipankar Mondal
chayan goswami
swarup manna
NSS BKC
You

On 8th October, the Department of Physics had organized Solid State Practical Presentation where presentations on some selected topics of Solid State Physics were given by the students of Sem-V Honours.

BRAHMANANDA KESHAB CHANDRA COLLEGE

Department of Physics



**8th October 2021
10AM-11AM**



SOLID STATE PHYSICS PRACTICAL PRESENTATION

10AM: Welcome address by Dr. Debjani Pal

10:10AM: Introductory address by Dr. Aparajita Nag

10:15AM: Presentation 1

**Measurement of magnetic susceptibility of
paramagnetic solution by Quinck's tube method.**

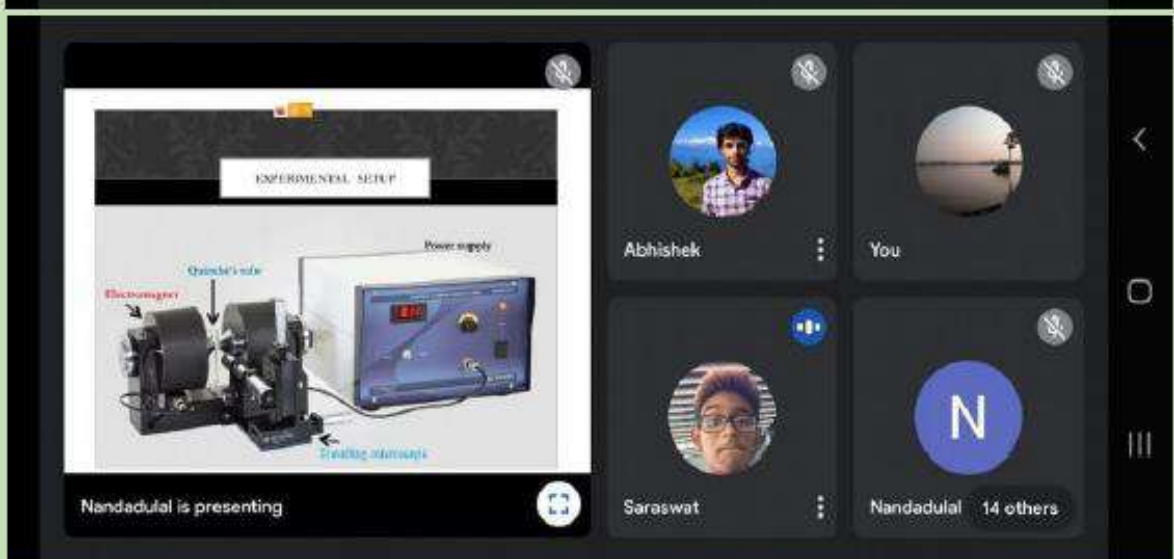
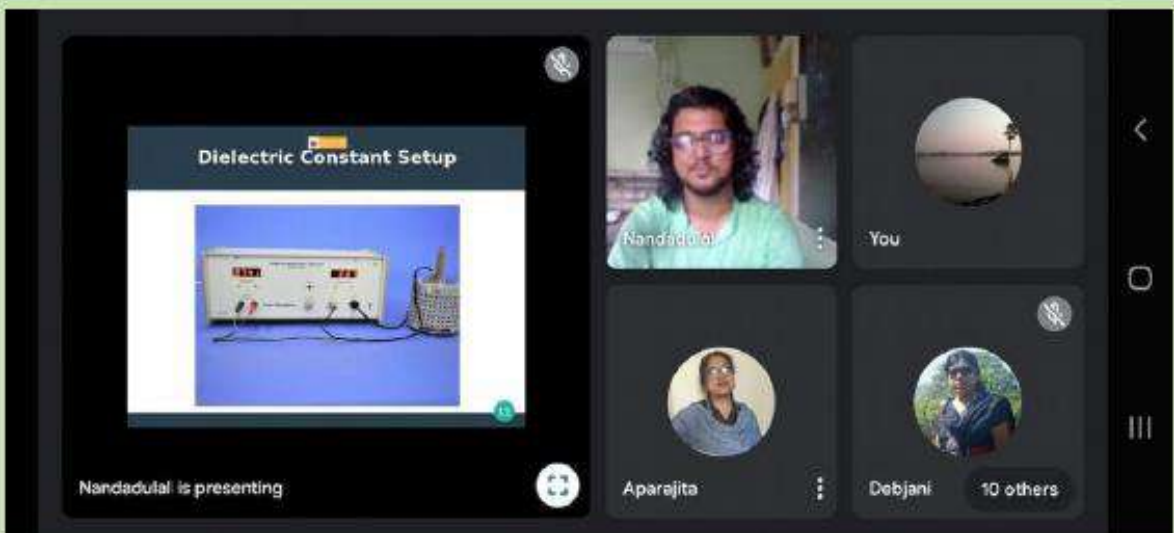
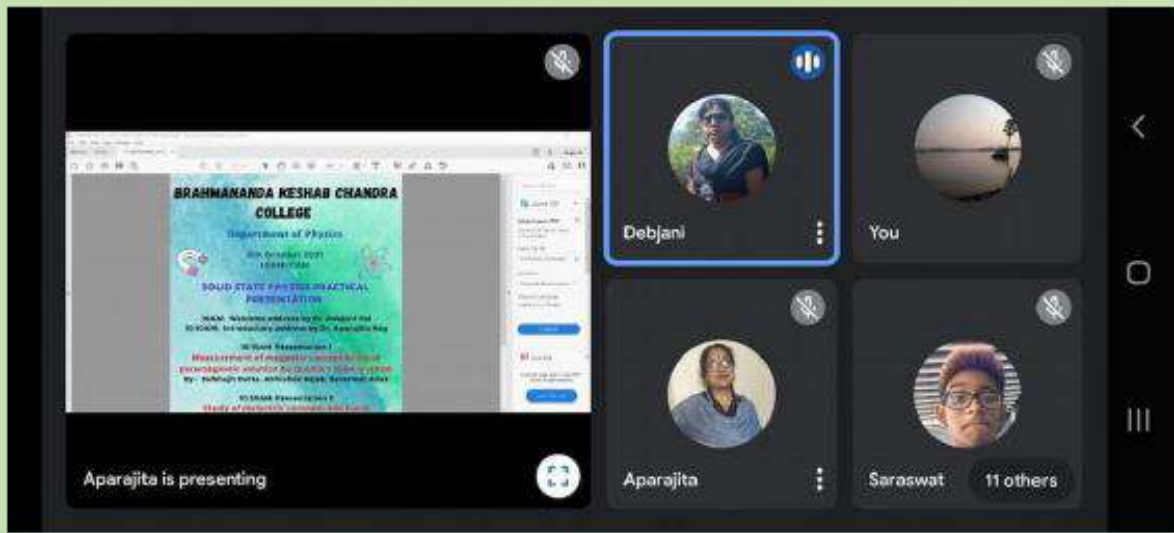
By-- Subhajit Dutta, Abhishek Rajak, Saraswat Adak

10:30AM: Presentation 2

**Study of dielectric constant and Curie
temperature of ferroelectric ceramics**

By-- Nandadulal Ghosh and Rokia Chowdhury

10:45AM: Discussion



On 8th October, "Spawn to Fry", the student induction program of the department of Industrial Fish and Fisheries, Brahmananda Keshab Chandra College was organized on virtual platform to induct the first semester students about the inception of the department, departmental activities, overall idea about the CBCS system and the syllabus, how to progress with the syllabus, higher education and job opportunities after completion of the graduation etc. Dr. Paritosh Kumar Ray spoke on the inception and progress of the department, faculty shared information on recent departmental activities and the CBCS system.

SPAWN TO FRY

STUDENT INDUCTION PROGRAM, 2021

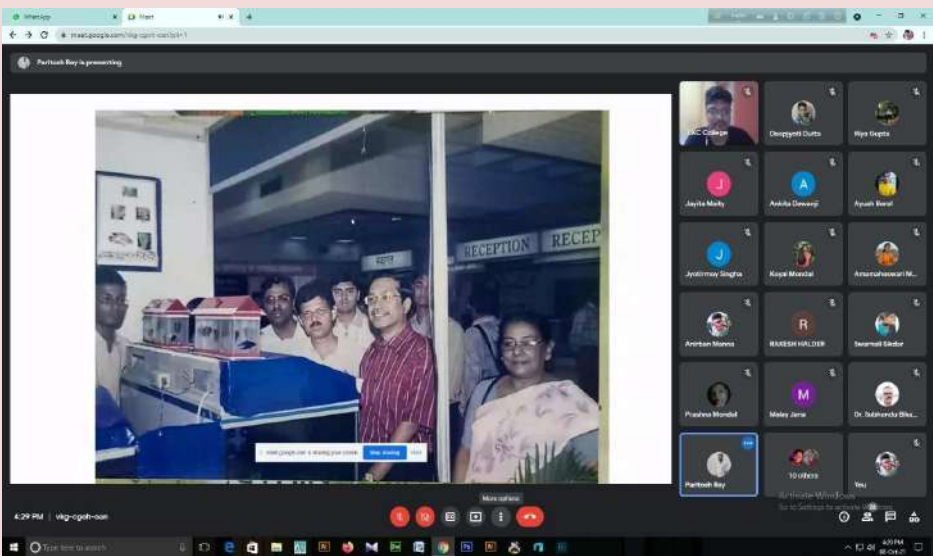
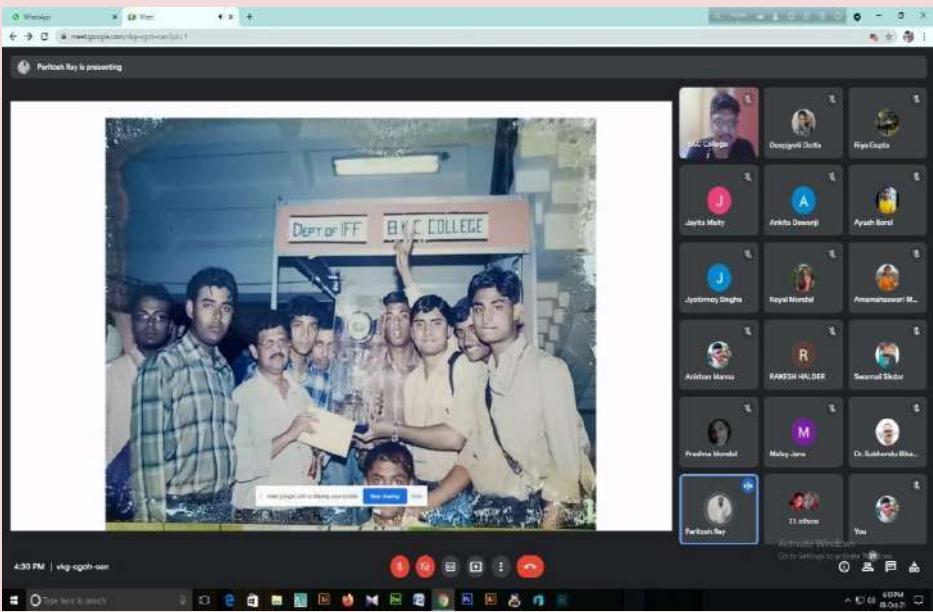
DEPARTMENT OF INDUSTRIAL FISH AND FISHERIES

BRAHMANANDA KESHAB CHANDRA COLLEGE

DATE

TIME

PLATFORM



An online cancer awareness programme was organized by the NSS unit of the College in collaboration with HCG, EKO Cancer Centre, Kolkata on 8th October, 2021. The topic of the cancer awareness programme was “An overview of breast cancer and how we can self-screen ourselves for an early detection”. Dr. Moumita Maity, Consultant, HCG EKO Cancer Centre, Kolkata was a resource person of this webinar. The programme was well attended by teachers, non-teaching staff, students and NSS volunteers.

Brahmananda Keshab Chandra College
National Service Scheme Unit
&
HCG EKO Cancer Centre, Kolkata

Invites you for a webinar on cancer awareness

“ AN OVERVIEW OF BREAST CANCER AND HOW WE CAN SELF-SCREEN OURSELVES FOR AN EARLY DETECTION ”

Chief-Patron

Prof. (Dr.) Papia Chakraborti
Principal
Brahmananda Keshab Chandra College

Speaker

Dr. Moumita Maity
Consultant
HCG EKO CANCER CENTRE, Kolkata

 **8th October 2021**
2:30 pm onwards

Platform

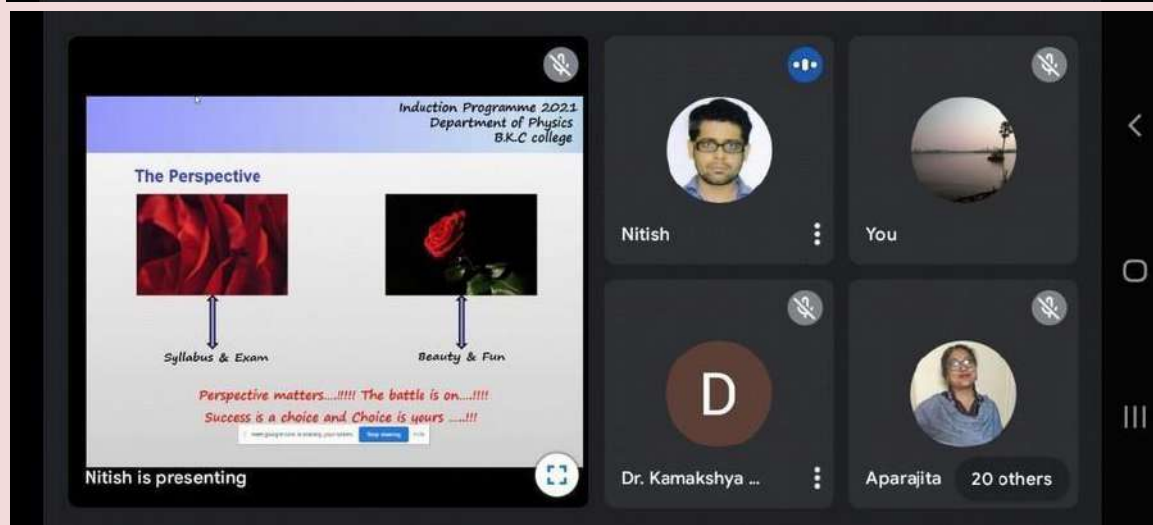
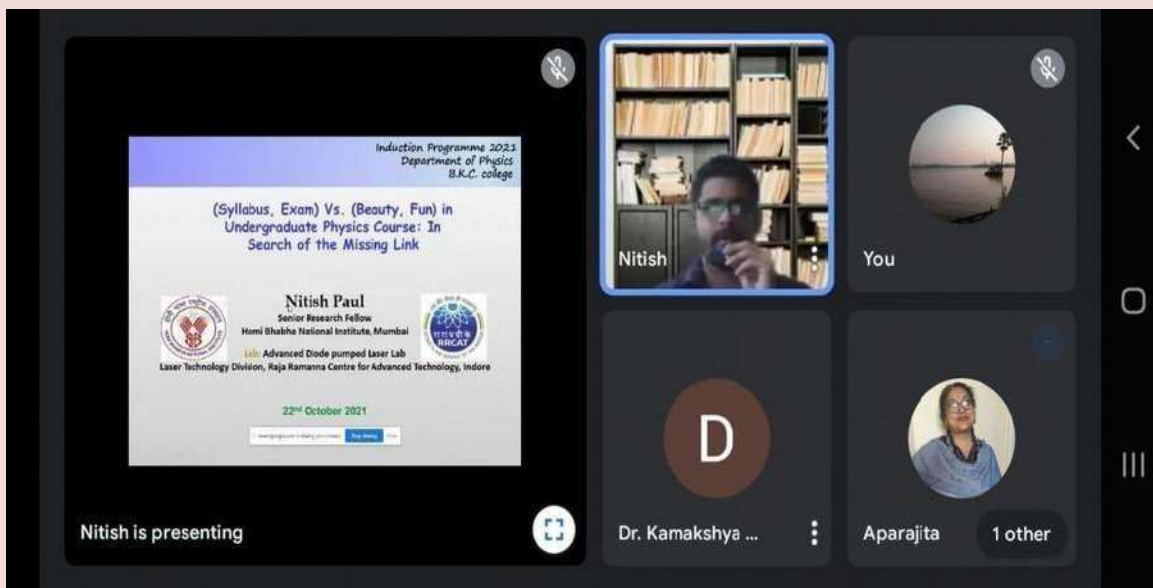
Google Meet

ONLY FOR FEMALE PARTICIPANTS



Scan me

An Induction Programme was organized by the Department of Physics on 22.10.2021. A talk on “(Syllabus, Exam) vs (Beauty, Fun) in Undergraduate Physics Course: In search of the Missing Link” was delivered by a former student of the department, Mr. Nitish Paul who is currently a Senior Research Fellow, Homi Bhabha National Institute (Advanced Diode pumped Laser Lab, Laser Technology Division, RRCAT, Indore).

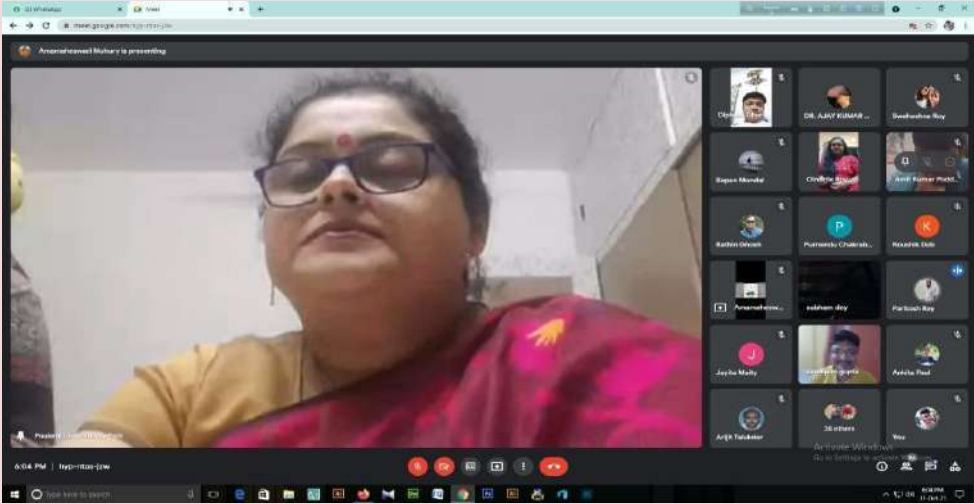


On 31st October, a departmental reunion cum “Bijoya Sammiloni” was organized by the alumni association of Department of Industrial Fish and Fisheries on virtual platform.



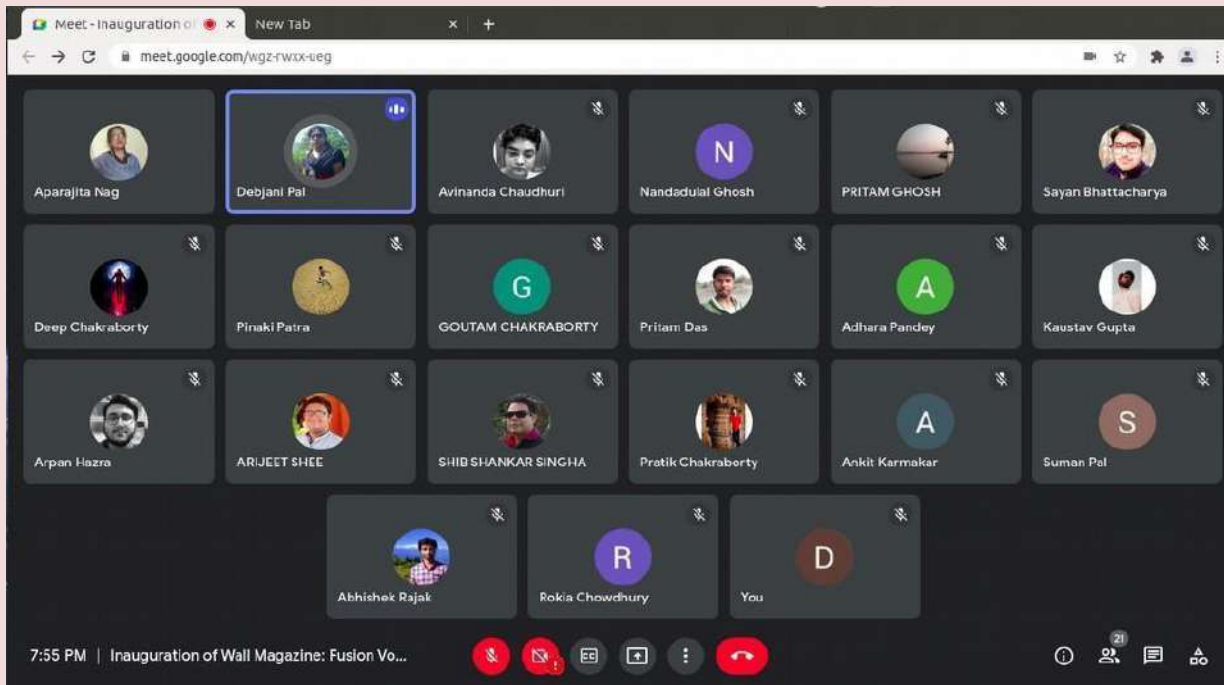
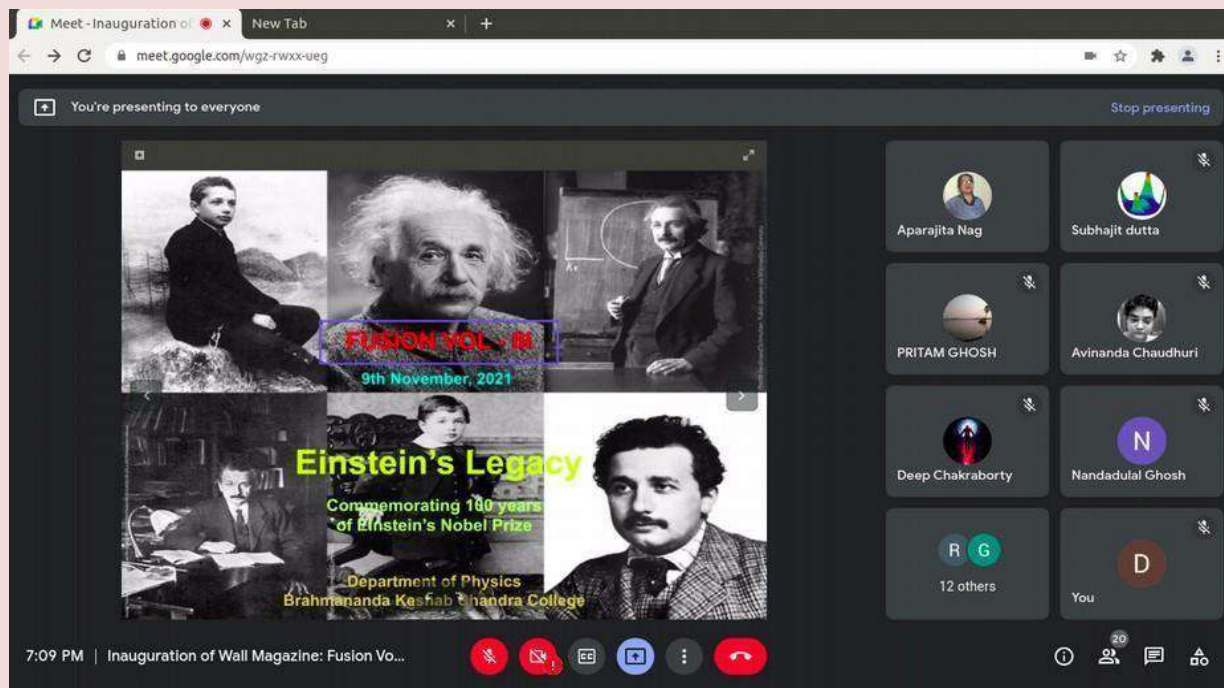
Date : 31.10.2021 📅 || Time : 6:00 PM 🕒

Platform : Google Meet 🗨️



NOVEMBER

On the occasion of publication of departmental e-wall magazine “FUSION” –Vol-III, the department of Physics arranged an online programme through Google meet on 9th November 2021 at 7:00 PM onwards. This issue of the departmental e-wall magazine was titled “Einstein’s Legacy” to commemorate 100 years of Einstein’s Nobel Prize win.



For opening of offline classes in college after lockdown, covid safety protocols were displayed by the SAP committee of the college on November 16-24, 2021. Hygiene measures were taken and sanitization of the entire college building was done.



The members of the SAP committee visited the college hostel and staff quarter and thoroughly inspected the cleanliness and greenery of the college on 22.11.2021 and prepared a detailed report. 10 large waste bins according to the types of waste were distributed all over the college campus for proper segregation of biodegradable and non-biodegradable wastes.





After the physical classes were resumed the students of the department of English put up the issue of Wall-E on 24th November, 2021 which was prepared just before college closed due to a pandemic. The present Semester 5 students worked hard on this issue. The issue is on *Abhijnana Shakuntalam*.



DECEMBER

Rupsa Chatterjee of Semester-V student of department of Zoology participated in an online course on “Geo-Informatics for Biodiversity Conservation Planning” organised by Indian Institute of Remote sensing, Dehradun and Indian Institute of Space Research Organisation. Total Course duration was 9 hours, starting from 6.12.2021 to 17.12.2021.

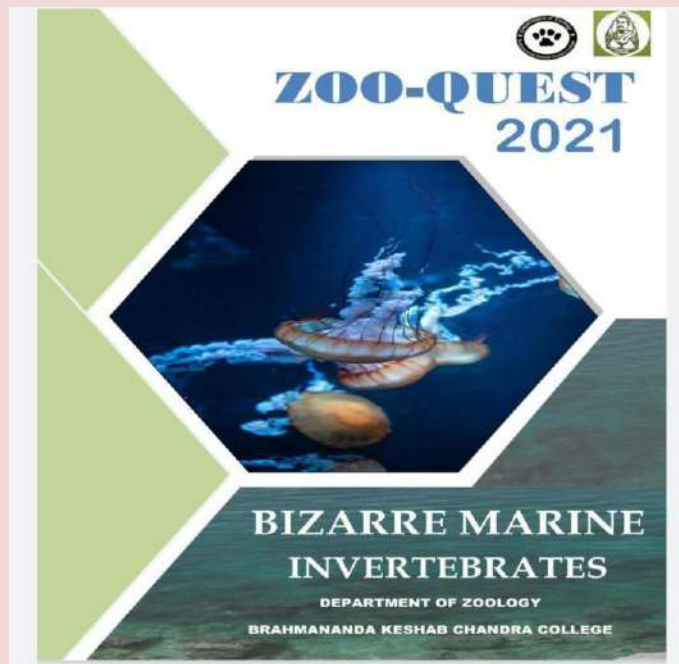


Dr. Dipanshu Kumar Viswas, Assistant Professor, Department of Botany delivered the extension lecture and demonstration to IFF students on 13.12.2021.



The wall magazine of the department of zoology, “Zoo Quest”, on “Bizarre Marine Invertebrates” was put up. Students of semester-III and Semester-V researched on various marine invertebrate species and wrote an abstract about any one of the many bizarre organisms with relevant pictures and references. The link to the wall magazine is

https://drive.google.com/file/d/1lqIH5D3BE25ruT0p9MuX6GIZAw_Wk0hX/view?usp=sharing



<u>CONTENTS</u>	
1. From HOD'S Desk	01.
2. Blue Sea Dragon	02.
<i>(Anindita Bhar)</i>	
3. Cuttle Fish	03.
<i>(Simanta Kr. Das)</i>	
4. <i>Euplectella</i> sp.	04.
<i>(Sayan Saifa Roy)</i>	
5. Harlequin Shrimp	05.
<i>(Sucheta Dey)</i>	
6. Hermit Crab	06.
<i>(Sayan Ghorai)</i>	
7. Leaf Sheep	07.
<i>(Atreyee Sarkar)</i>	
8. <i>Marrus Orthocanna</i>	08.
<i>(Sourav Dutta)</i>	
9. <i>Metridium</i> sp.	09.
<i>(Rinita Roy)</i>	

Moon Jelly

Moon jelly is a bizarre marine invertebrate having bioluminescence property. Although they didn't get to the moon, nearly 2,500 moon jelly polyps and ephyrae — two early stages in the jelly life cycle — went into orbit aboard the space shuttle Columbia in May 1991. They were part of a study on the effects of weightlessness on the development of internal organs in juvenile jellies. It is also known as "Saucer Jellyfish". They are prevalent in both shallow seas and oceans. Their habitat includes the coastal waters of all zones and they occur in huge numbers. They are known to live in brackish waters with as low a salt content as 0.6‰. Decreased salinity in the water diminishes the bell curvature and vice versa. They are abundant in North East Pacific, common in Monterey Bay and along the California coast. Umbrella thins towards the edge and has a distinctive fringe of short, hollow tentacles with nematocytes. Four, purple-blue gonads form a characteristic horseshoe-shape, contained almost completely within the gastric cavity. Gonads do not extend below the sub-umbrella surface as in many other species of jellyfish. To attract it's mate, to lure prey, to camouflage from predators, moon jelly exhibits a special light emitting property called bioluminescence and release excess chemical energy in form of light energy. In recent lab. experiments, Haddock has found that many jellyfish don't produce their own luciferin, rather, they acquire it from their diet, which consists of small, bioluminescent crustaceans. This suggests to Haddock that, although jellyfish first emerged hundreds of millions of years ago, they gained their bioluminescent abilities much later, after consuming luciferin proved to be advantageous. Moon jellyfish live without brains. They resemble floating mushrooms, 95% of the organism is water. Moon jellyfish are carnivores. They can barely swim. They depend on water current for locomotion. Moon jellies reproduce during the summer. When the females give up their eggs, and the males release their sperm into the sea in intervals of 24 hour periods. This behavior demands a lot of energy, and usually will kill the jellies off in the process. In the wild, one can only expect these organisms to live for around half a year, and dying soon after they've reached maturity.



RISITA DAS
SEM V

Systematic Position:
 Kingdom: Animalia
 Phylum: Cnidaria
 Class: Scyphozoa
 Order: Somaestomian
 Family: Ulmaridae
 Genus: Aurelia
 Species: *A. aurita*



14/24

CREDITS

The collection of all the write ups and editing of the 'ZOO - QUEST' magazine has been done by the following students of Zoology Department:

1. **SOURAV DUTTA**
2. **SUJOY ROY**
3. **ANINDITA BHAR**
4. **ARGHYADEEPA GHOSH**
5. **SAYAN GHORAI**
6. **RISITA DAS**
7. **SHUBHAGATA HALDER**
8. **GAUTAM KUMAR**

23/

An online workshop was arranged in association with Make-Intern, E-Cell Unit of IIT Kharagpur on “Basic Techniques in Molecular Biology”. 14 participants from the Department of Zoology of Brahmananda Keshab Chandra and other colleges and Universities in Kolkata participated in this online event organised by the “make-intern-E-Cell” unit of IIT, Kharagpur where Brahmananda Keshab Chandra College served as the zonal centre. Dr. Neelakshi Sarkar served as the faculty co-ordinator and Sarthak Mukherjee (Alumnus) and Shubhagata Halder (Sem V, hons) served as student co-ordinators. Feed-back from participants were taken in google forms. All participants will face an on-line exam scheduled in January, 2022. The top 3 students will automatically enter the National Championship with an opportunity to visit IIT, Kharagpur where they will face champions from other Colleges. Certificates of Participation will be given to all participants and the top 3 participants will receive Certificates of Merit.



National Level Championship

Association with Makeintern E Cell IIT Kharagpur
Brahmananda Keshab Chandra College, Kolkata



Live Training Section

Topic : Basic Techniques in Molecular Biology

Schedule : November 2021

Registration Fee: 1271/- Excluding 18% GST

Deadline: 31st October

Highlight

- Industry Experts as Trainers.
- Live Sessions
- Software and tools access for 1 year
- Internship certificate with lifetime validity
- Study material access will be for lifetime.
- Weekly quiz to assess their knowledge on that subject
- Live project assignment.

Major Benefits:

- Student will Get 2 Certificate
 - (i) Makeintern E Cell IIT Event Certificate
 - (ii) Learntoupgrade Certificate
- Test to be conducted at the end of the Programme to select top 4 students.
- Four Selected students would be participating in finale Round at IIT Campus.

H.O.D(Zoology) :- DR. NEELAKSHI SARKAR 94771 70106
neelakshisarkar@gmail.com

Sub Coordinators :- Sarthak Mukherjee 6297912975
Subhagata Halder 8250155033

www.learntoupgrade.com

sonalirathore818@gmail.com

+91 7290079906

SPECIMEN COLLECTION

Specimen collection details:
(Adapted from the WHO guidelines on 2019-nCoV):

Specimen type	Collection materials	Transport to laboratory	Storage till testing	Comment
Nasopharyngeal and oropharyngeal swab	Dacron or polyester floccid swabs*	4 °C	≤5 days: 4 °C ≥5 days: -70 °C	The nasopharyngeal and oropharyngeal swabs should be placed in the same tube to increase the viral load.
Bronchoalveolar lavage	sterile container*	4 °C	≤48 hours: 4 °C ≥48 hours: -70 °C	There may be some dilution of pathogen, but still a worthwhile specimen
Tracheal aspirate, nasopharyngeal aspirate or nasal wash	sterile container*	4 °C	≤48 hours: 4 °C ≥48 hours: -70 °C	Not applicable
Sputum	sterile container	4 °C	≤48 hours: 4 °C ≥48 hours: -70 °C	Ensure the material is from the lower respiratory tract
Tissue from biopsy or autopsy including from lung	sterile container with saline	4 °C	≤24 hours: 4 °C ≥24 hours: -70 °C	Autopsy sample collection preferably to be avoided
Serum (2 samples – acute and convalescent)	Serum separator tubes (adults: collect 3-5 ml whole blood)	4 °C	≤5 days: 4 °C ≥5 days: -70 °C	Collect paired samples. • acute – first week of illness • convalescent – 2 to 3 weeks later

*For transport of samples for viral detection, use VTM (viral transport medium) containing antibiotics and antifungal supplements. Avoid repeated freezing and thawing.

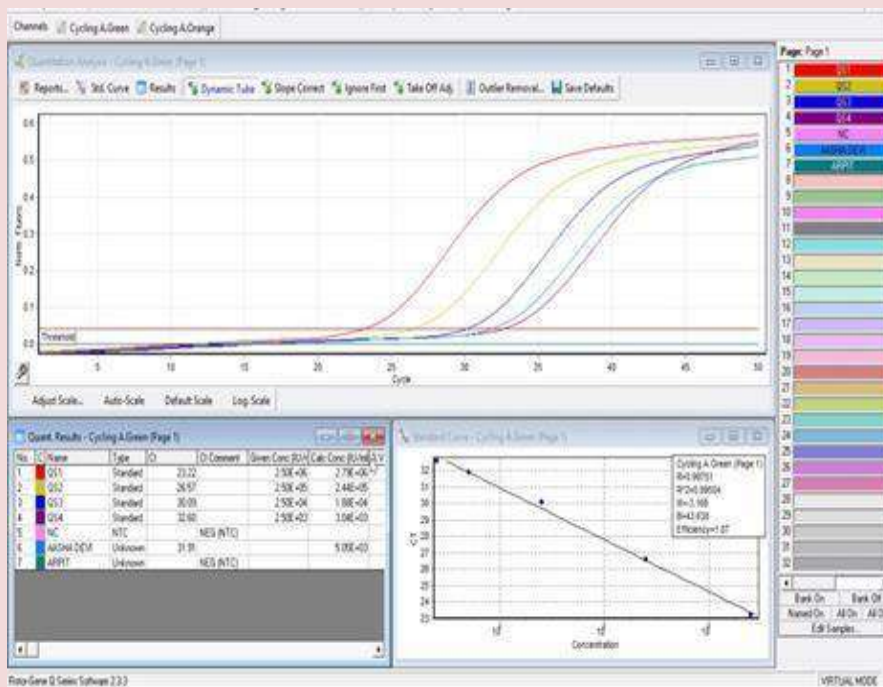
Unmute

Start Video

Share

Participants

More





Rain water harvesting measurement (17.12.2021)

OBITUARY

Shri Biswajit De the Librarian of the College passed away on the 8th of September 2021, after a brave battle with cancer. Shri De had joined the College in 1988 completing after his education. He had been actively involved in various organizations associated with library science like WBCLA, BLA, ILA, IASLIC, among others. He also wrote on issues relating to library science ad on various literary and popular topics as well. The College mourns his untimely demise and prays for his soul. Our heartfelt condolences to the family. We, at the College, have lost an integral member of the College.