

Annual Report on College Activities (2020 - 2021)

Part A: Curricular Activities

Due to Covid 19 Pandemic excursions which are part of the curriculum could not be held.

Part B: Co-Curricular Activities

Sl. No.	Event	Conducted by	Date	Page No
1	Student's participation in Summer Internship	Dept. of Mathematics	01.06.2020 - 31.08.2020	1
2	Three-Day Webinar	Dept. of Economics	01.07.2020 - 03.07.2020	2
3	Students' Participation in National Level Online Workshop	Dept. of Sanskrit	01.07.2020- 31.07.2020	3
4	Student's Participation in Summer Workshop and publication of the dissertation	Dept. of Physics	04.07.2020 - 11.09.2020	4
5	Web Based Workshop	Dept. of Physics in collaboration with UGC-DAE-CSR, KC	06.07.2020 - 10.07.2020	5
6	International Webinar	Dept. of Botany and Dept. of Zoology	15.07.2020	6
7	Student's Participation in Webinar	Dept. of Mathematics	21.07.2020	7
8	National Webinar	Dept. of Commerce in collaboration with Institute of Company Secretaries of India	26.07.2020	8
9	Two-Day International Webinar	Dept. of Physics	31.07.2020 - 01.08.2020	9
10	Student's Participation in Online Workshop	Dept. of Mathematics	02.08.2020	10
11	Student's Participation in Online Course	Dept. of Mathematics	12.08.2020	11
12	Student's Participation in online presentation	Dept. of Physics	14.08.2020	12
13	Students' Participation in National Level Experimental Skill Test	Dept. of Physics	16.08.2020 - 19.08.2020	13
14	Student's Participation in Online Course	Dept. of Mathematics	19.08.2020	14
15	Two-Day International Webinar	Dept. of Commerce , IQAC, VIC in collaboration with Kishore Bharati Bhagini Nivedita college with IQAC	30.08.2020 - 31.08.2020	15

Sl. No.	Event	Conducted by	Date	Page No
16	Web based International Workshop	Dept. of Physics	01.09.2020 - 02.08.2020	16
17	International Webinar	Dept. of Botany and ISCA, VIC Unit in collaboration with ISCA, Kolkata Chapter	12.09.2020	17
18	Student's Participation in Webinar	Dept. of Mathematics	19.09.2020	18
19	Students' Participation in National Level Online Workshop	Dept. of Physics	28.12.2020-04.01.2021	19
20	E- Career Awareness Programme	Dept. of Commerce in collaboration with Institute of Company Secretaries of India	08.02.2021	20
21	E- Career Awareness Programme	Dept. of Commerce in collaboration with Institute of Cost and Management Accountant of India	08.02.2021	21
22	Students' Talk	Dept. of English	11.02.2021	22
23	Student's Participation in Web-Workshop	Dept. of Mathematics	22.03.2021-28.03.2021	23
24	Students' Seminar	Dept. of Physics	18.04.2021 and 24.04.2021	24
25	Publication of E-Magazine	Dept. of Physics	17.06.2021	25
26	One – Day National Webinar	Dept. of Physics	27.06.2021	26
27	Participation in National Level Quiz Competitionon June, 2021	Dept. of Mathematics	June, 2021	27

Part C: Extra-Curricular Activities

Sl. No.	Event	Conducted by	Date	Page No
1	Student's Participation in Awarness Programme	Dept. of Mathematics	05.07.2020	28
2	Student's Achievement in Inter College Competition	Dept. of English	28.07.2020	29
3	Student's Achievement in Yoga Sports	Dept. of Psychology	15.08.2020-30.08.2020	30
4	Student's Achievement in Yoga Sports	Dept. of Psychology	15.01.2021-31.01.2021	31
5	Students' Achievement in Psychology Festival	Dept. of Psychology	15.03.2021	32

Sl. No.	Event	Conducted by	Date	Page No
6	Students' Achievement in Inter College Competition	Dept. of Geography	26.04.2021	33
7	Selection of a poem written by a student for Anuranan Sahitya Gosthi Pvt Ltd	Dept. of Physics	06.05.2021	34
8	Student's Achievement in Yoga Sports	Dept. of Psychology	01.05.2021-02.05.2021	35
9	Student's Achievement in Inter College Competition	Dept. of Chemistry	09.05.2021	36
10	Student's Participation in Webinar	Dept. of Mathematics	27.06.2021	37

Part D: Commemorative Days

Sl. No.	Event	Conducted by	Date	Page No
1	Student's Achievement in Independence Day Quiz Competition	Dept. of English	15.08.2020	38
2	Teachers' Day Celebration	Dept. of English	05.09.2020	39
3	Teachers' Day Celebration	Dept. of Geography	05.09.2020	40
4	Teachers' Day Celebration	Dept. of History	05.09.2020	41
5	Teachers' Day Celebration	Dept. of Philosophy	05.09.2020	42
6	Teachers' Day Celebration	Dept. of Physics	05.09.2020	43
7	Teachers' Day Celebration	Dept. of Sanskrit	11.09.2020	44
8	Student's Participation in Srinivasa Ramanujan Birthday Online Quiz	Dept. of Mathematics	22.12.2020-23.12.2020	45
9	Rabindra Jayanti Celebration	Dept. of Bengali	09.05.2021	46
10	Birthday celebration of Rabindranath Tagore	Dept. of History	09.05.2021	47
11	Celebration of Rabindra-Jayanti	Dept. of Physics	09.05.2021	48
12	Observance of World Environment Day	Dept. of Zoology	05.06.2021	49
13	Celebration of World Environment Day	Dept. of Economics	29.06.2021	50

Part B: Co-Curricular Activities

1) Student's participation in Summer Internship – 2020

01.06.2020-31.08.2020, Dept. of Mathematics

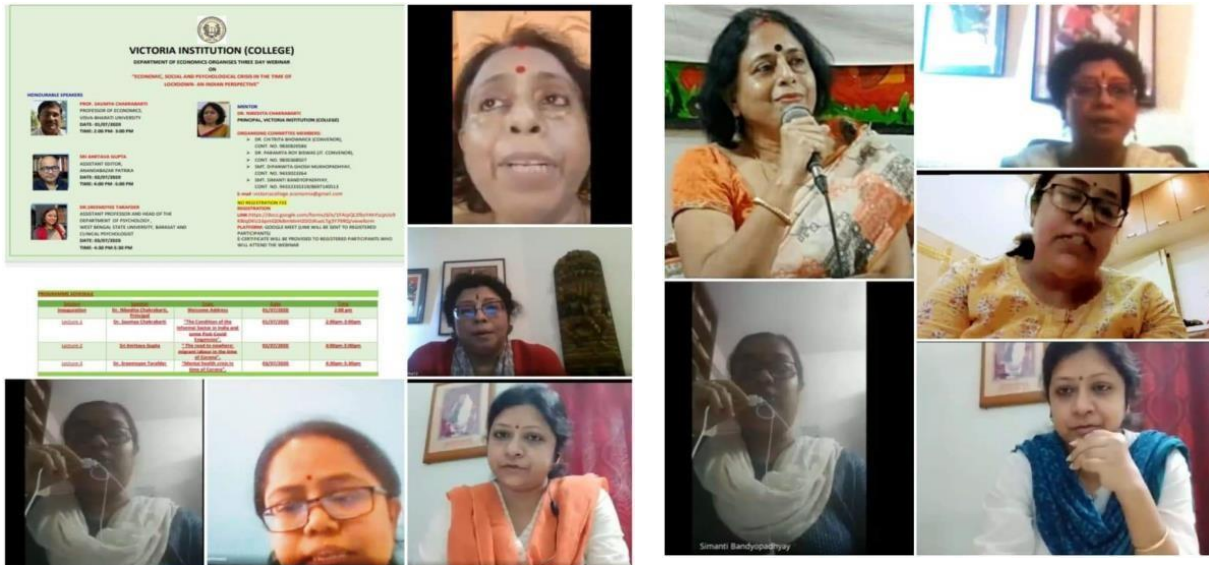
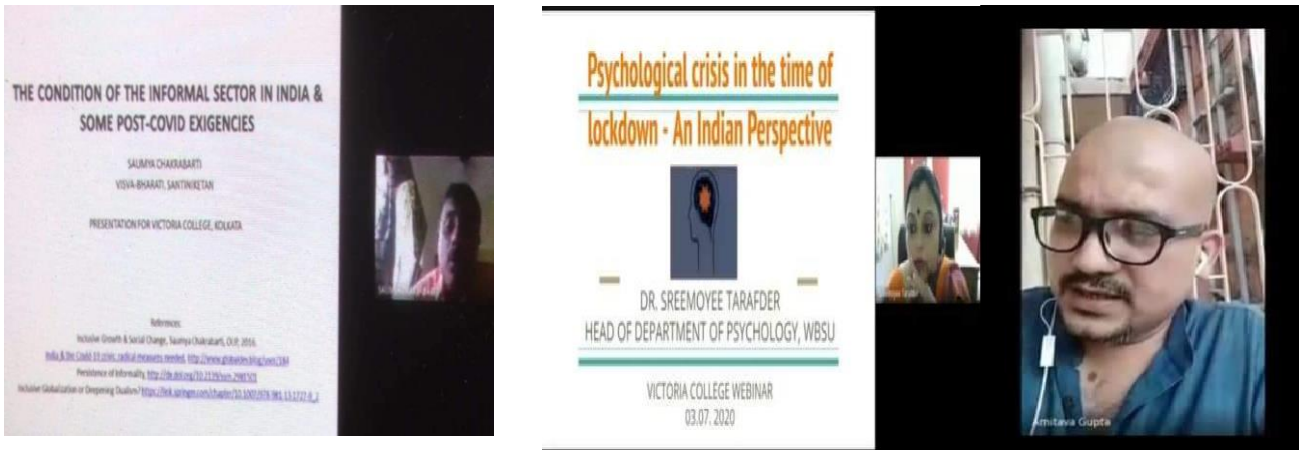
Mathematics Honours student of Semester 3, Anwesa Das took a summer internship at PiParadox Educational Solutions Pvt. Ltd. for three months from 1st June 2020 to 31st August, 2020.

Her performance was very much appreciated by the institution and she successfully completed the internship and obtained an appraisal certificate for the same.



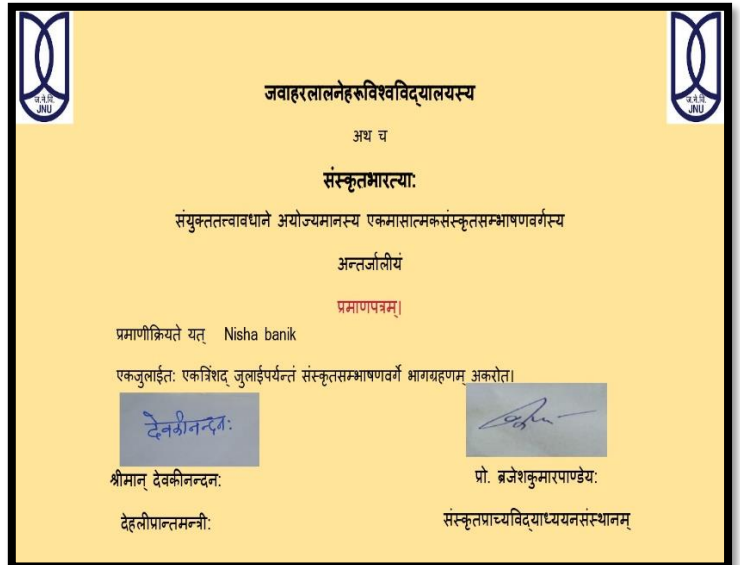
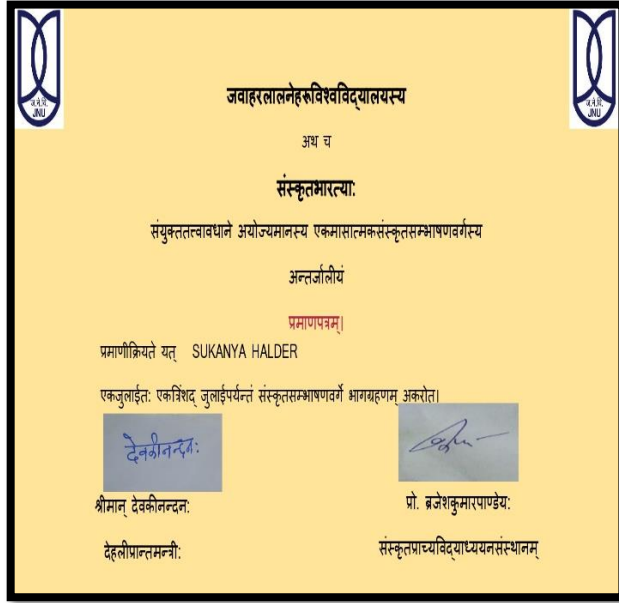
**2) Report of Three-Day Webinar Organized by the Department of Economics,
1st July to 3rd July, 2020**

The Department of Economics, Victoria Institution (College) organized three days Webinar on 'ECONOMIC, SOCIAL AND PSYCHOLOGICAL CRISIS IN THE TIME OF LOCKDOWN- AN INDIAN PERSPECTIVE'. The objective was to have an intellectual discussion on the pandemic and its effect on the Economy and the Society. It was a learning experience for both the students and the faculty of VIC as well as other participating institutions.



3) Students' Participation in National Level Online Workshop
01.07.2020-31.07.2020, Department of Sanskrit

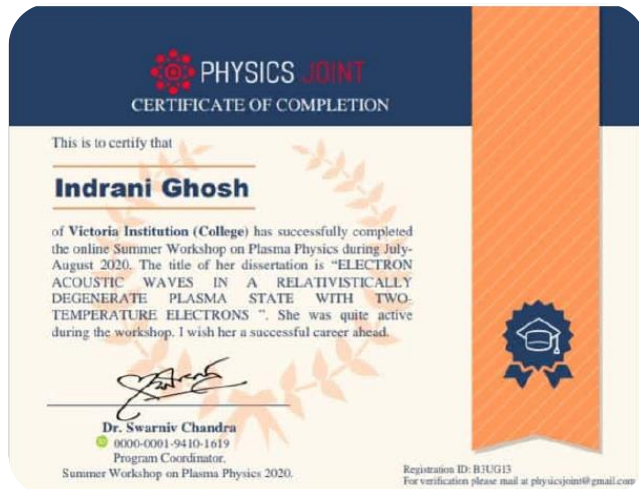
Two Semester II honours students of Department of Sanskrit, Sukanya Halder and NishaBanik have participated in a one month online national level workshop from 01.07.2020 to 31.07.2020. The workshop has been jointly organised by Jawaharlal Nehru University in collaboration of Sanskrit Bharati, Delhi on the topic of "Spoken Sanskrit". Two students have successfully completed the workshop and got their certificates. They have also developed the skill of spoken Sanskrit after completing the one month workshop.



4) Student's Participation in Summer Workshop and publication of the dissertation

Dept. of Physics, 4th July to 11th Sep, 2020

Indrani Ghosh, a Physics Honours Sem IV student have successfully participated in the Summer Workshop on Plasma Physics organized by Physics Joint and Institute of Natural Sciences and Applied Technology, Kolkata. She collaborated with Physics Honours students of other colleges and together they have written a dissertation on Electron Acoustic Wave in a relativistically degenerate Plasma state with two-temperature electrons under the guidance of Dr. Swarniv Chandra, Assistant Professor, Govt. Degree College, Kasmundi, W.B. It is a great achievement for them that their dissertation have been published by Lambert Academic Publishing as the proceedings of the summer workshop.



Proceedings of the Summer Workshop on Plasma Physics 2020
4th July – 11th September 2020

Electron Acoustic Waves in a relativistically degenerate plasma state with two-temperature electrons

I. Ghosh, K. Basu, S. Bhar , S. Dey, S. A. Abduly, A. Jam and S. Chandra

Abstract—A theoretical investigation is carried out of electron acoustic waves in a collision-free non-magnetized plasma of electrons with fixed ions. By using the continuity and momentum equations with Poisson's equation, the dispersion relation for the electron plasma consisting of ions is derived. The standard normal mode analysis is used to study the linear properties of EAWs. The effects of a non-thermal distribution of hot electrons on the amplitude, width and energy of electrostatic solitary structures are also discussed. It is also seen that EAWs are compressive solitary waves. A dispersion relation is derived for linear EAWs. The present analysis may be important to understand the collective interactions in ultra-relativistic plasmas, occurring in dense astrophysical environments as well as in laser-solid density plasma interaction experiments.

Index Terms—Electron-Acoustic Wave, Linear Dispersion Relation, Quantum Hydrodynamic Model, Two-Temperature Electron.

I. INTRODUCTION

There has been a great deal of interest in the study of plasma physics in the recent years because of its huge range of applications in the smallest of electronic devices like computer chips, dense astrophysical environments (such as white dwarfs, neutron stars, etc.) as well as in laser produced plasma. Electron acoustic waves (EAWs) are electrostatic waves that occur in plasmas containing two distinct groups of electrons—the cold electrons which provide the inertia and the hot ones which provide the restoring force. They are of higher frequency in comparison to ion plasma waves and the ions here form a uniform neutralizing background to the electrostatic waves from the thermally hot and cold electrons. EAWs have been used to explain the source of broad band electrostatic noise, wave emission in different regions of earth's magnetosphere and also the hiss observed in the polar cap region. For these reasons, the study of EAWs has become one of the important areas of research in plasma physics. Most of the studies on the linear and non-linear characteristics of EAWs have been considered only for the classical non-relativistic plasma. However, when particles in some plasmas become high enough to approach the speed of light, the relativistic effects significantly modify the linear and non-linear behavior of the plasma waves. Relativistic plasma can be formed in many practical situations e.g. in space-plasma phenomena[1], the plasma sheet boundary of Earth's magnetosphere[2], Van Allen radiation belts[3] and laser-plasma interaction experiments [4].

But in plasmas, where the density is quite high and temperature is very low, the thermal de Broglie wavelength may become comparable to the inter-particle distances. In such situations, quantum effects come in the picture due to the overlapping of wave functions of the neighbouring particles. These quantum effects can modify the linear and nonlinear characteristics from that found in the corresponding classical plasma [5]. Such quantum effects in plasma become important in a variety of environments such as dense cosmological and astrophysical plasma [6], Earth's magnetosphere, Van Allen radiation belts, etc. Hence, it is important to consider the relativistic effects on a dense plasma. The purpose of the present paper is to investigate the linear and nonlinear properties of EAWs in relativistically degenerate dense quantum plasma consisting of two distinct groups of electrons and stationary ions. The purpose of this conference proceeding is to discuss the linear and nonlinear properties of EAWs in relativistically degenerate dense quantum plasma consisting of two distinct groups of electrons and stationary ions. The paper is organized in the following way: in Sect. II the basic set of quantum hydrodynamic equations are presented, in Sect. III the analytical study of linear dispersion characteristics is shown; in Sect. IV we discuss the results of our study and give some concluding remarks.

II. BASIC EQUATIONS

We consider the propagation of EAWs in a non-magnetized three component completely degenerate dense plasma consisting of two groups of relativistic electrons at different temperatures and stationary cold ions forming a uniform neutralizing background. For electrons, the thermal pressure is assumed to be negligible as compared to the degeneracy pressure which arises due to the implications of Pauli Exclusion Principle[7].

In degenerate plasmas, the rate of electron-electron collisions is limited due to the Pauli blocking mechanism (allows only

This Conference Proceedings volume contains the written versions of most of the contributions presented during the Summer Workshop on Plasma Physics 2020 and the subsequent Workshop Series on Plasma Physics. It was organized by Physics Joint and Institute of Natural Sciences and Applied Technology, Kolkata, India, and was carried out via online mode during the period of July to September 2020. The workshop series was held during 3-11 September 2020. The Conference provided a venue for advanced level researchers in a wide range of topics including Astrophysics, Plasma Physics and other related areas. The Conference has been a good opportunity for participants hailing from India, Bangladesh, Egypt, Cambodia and other countries to present and discuss topics in their respective research areas. This proceedings volume contains works on basic plasma physics which will be helpful for the beginners working in this field.

Dr. Swarniv Chandra

Proceedings of the Summer Workshop on Plasma Physics 2020

July 4 - September 11, 2020 | Organised by
Physics Joint & Institute of Natural Sciences and Applied Technology, Kolkata

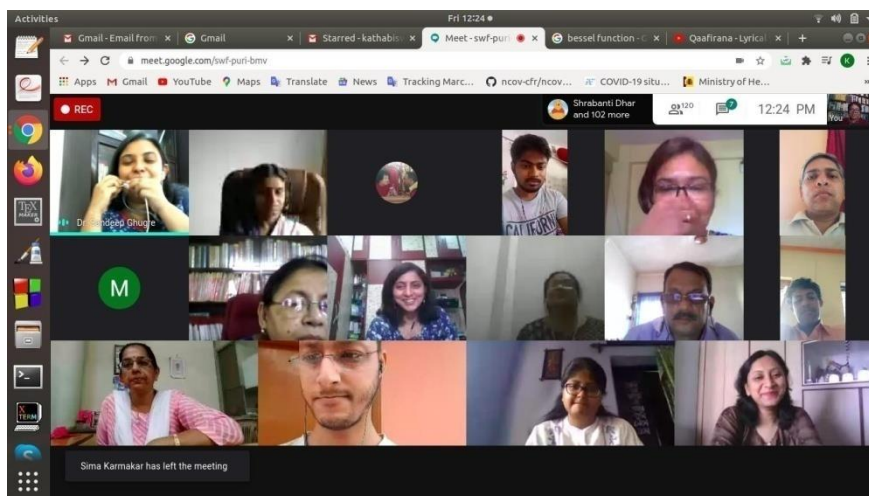
July 4 - September 11, 2020 | Organised by
Physics Joint & Institute of Natural Sciences and Applied Technology, Kolkata

LAMBERT

**5) Report on the Web Based Workshop on
Teaching Physics at the UG & PG Level using Python
Organized by the Department of Physics in collaboration with
UGC-DAE Consortium for Scientific Research, Kolkata Centre, July 6th - 10th 2020**

The Python Language has emerged as an efficient tool in the practice of science teaching at different levels. The solution to problems along with visual representations of the same is believed to effectively articulate the associated methodologies and has been an impetus to the widespread usage of this tool. In this light, the Victoria Institution (College), Kolkata, in collaboration with the UGC-DAE CSR, Kolkata Centre, organized a workshop on Python, on a digital platform, during July 6th - 10th 2020.

The E-Workshop highlighted the application of Python, to complement the conventional classroom teaching at the UG & PG level, particularly in the context of the topics such as Mathematical Methods, Statistical Physics and Quantum Mechanics, along with others, that are typically covered in the Physics curriculum at the UG / PG level. The workshop was attended by about 180 participants, comprising of both students as well as faculty members, from regions across the country. The inaugural session was addressed by the following dignitaries, Dr. Nibedita Chakrabarti, Principal, Victoria Institution (College), Kolkata, Dr. A K Sinha, Director, UGC DAE CSR, Indore and Dr. Abhijit Saha, Centre Director, UGC DAE CSR, Kolkata Centre. Amitava Raychaudhuri, Professor Emeritus, University of Calcutta, delivered the key note address, which highlighted the relevance of numerical computations in various branches of Physics, and its evolution since its inception. The workshop was preceded with a pre-workshop session on 4th July 2020, wherein support was extended to the participants to get Python installed on their respective systems. Besides ensuring that majority of participants had a working Python toolkit on their systems, this efforts to a large extent helped identify and address the technical issues with this novel digital platform, which resulted in a glitch free running of the entire workshop. The workshop was conducted daily in to two sessions of about an hour each, which were complimented by discussions on the digital platform, to address the queries and concerns of the participants. The resource personnel for this workshop were Dr. S S Ghugre, UGC DAE CSR, KC and Ms Kathakali Biswas, Victoria Institution (College).



6) Report on Webinar organized by the Dept. of Botany and Dept. of Zoology on 15.07.2020

The year 2020 brought us face to face with the hard reality of COVID-19 Pandemic. The departments of Zoology and Botany at Victoria Institution (College) took-up the challenge and organised an international webinar to make the students aware about the various aspects of the disease. The webinar was held on 15.07.2020 where eminent personalities presented their lectures and it was attended by 248 participants.

VICTORIA INSTITUTION (COLLEGE)
78B, A.P.C. ROAD, KOLKATA-700009
Presents
ONE DAY INTERNATIONAL WEB-CONFERENCE
On
NEED OF THE HOUR AMIDST PANDEMICITY: IMMUNOLOGICAL & PSYCHOLOGICAL, WITH SPECIAL ATTENTION TO STUDENTS
Jointly Organised by Department of Zoology & Botany

REGISTRATION 15TH JULY, 2020 | WEDNESDAY | 2:00-6:30PM **EVENT PLATFORM**

Please Click the Link
<https://forms.gle/VzFufgPMtZYMMpP7> THIS WEB-CONFERENCE IS OPEN TO ALL THE FACULTY MEMBERS AND STUDENTS

Or scan the QR code 

ZOOM Cloud Meetings
YouTube Live Streaming

RESOURCE PERSONS

CHIEF PATRON

PROF. (Dr.) AMITABHA NANDY
Specialist in Tropical and Infectious Diseases, Former Director, Center for Tropical Medicine and Parasitology, Kolkata, India
Time: 2.00PM – 3PM

Ms. JULIANNE BELL
Independent Behaviour Consultant, Northern Ireland, UK
Time: 3.45PM – 4.45PM

Dr. SUMIT SARKAR
Research Biologist, Division of Neurotoxicology, National Center of Toxicological Research, (FDA), USA
Time: 5.30PM – 6.30PM

Dr. NIBEDITA CHAKRABARTI
Principal, Victoria Institution (College), Kolkata

SOME USEFUL INFORMATION

- ❖ Registration is Free But Mandatory.
- ❖ Registration is to be Done by 11/07/2020, 7pm, Through The Link Provided.
- ❖ Zoom meeting ID will be sent to First 80 registered participants and for the rest of the participants, YouTube Live Streaming link will be provided. Link/ID will be sent to participant's e-mail ID.
- ❖ Every Registered Participants Will Get e-certificate Through e-mail, Upon Submission of Feedback Form, After The Webinar.

CONVENER
Dr. DEBJANI DAS (GHOSH),
HOD, DEPT. OF ZOOLOGY
+91 98312 17831

FOR ANY FURTHER QUERY, PLEASE FEEL FREE TO MAIL AT:
victoriawebconferencecollege@gmail.com

JOINT CONVENERS
Dr. SUDIP KUMAR SINHA,
ASST. PROF. DEPT. OF BOTANY
+91 84204 52993

Sri. SUMALLYA KARMAKAR,
ASST. PROF. DEPT. OF ZOOLOGY
+91 84201 53049

7) Student's Participation in Webinar on 21.07.2020

Dept. of Mathematics

Semester 3 Mathematics Honours student, Anwesa Das attended in a Webinar on “Mathematical Puzzles as an aid to introducing mathematical notions” organized by Gurucharan College, Silchar, Assam in association with Assam Academy of Mathematics Cochar District Branch on 21.07.2020 and obtained certificate for the same.



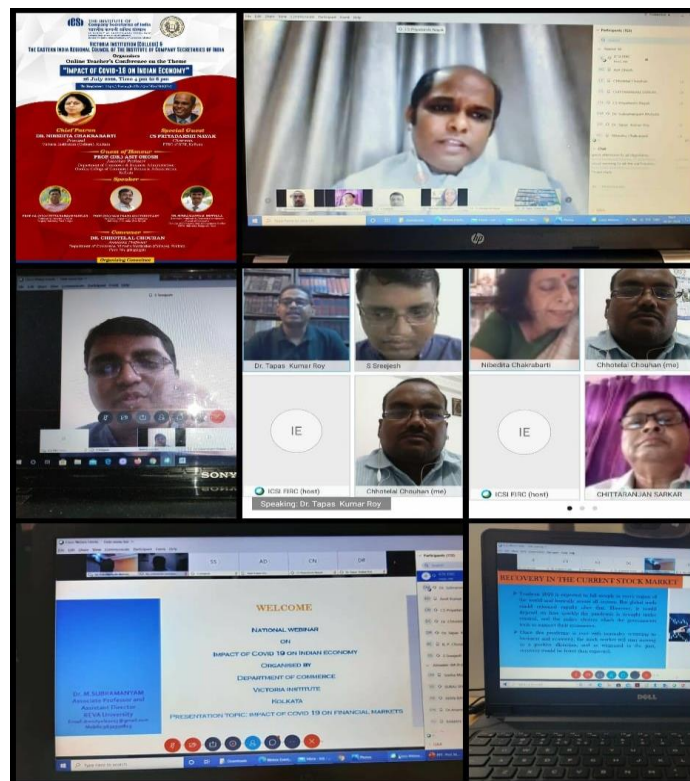
8) National Webinar on “Impact of COVID – 19 on Indian Economy”
organised by Dept. of Commerce, Victoria Institution (College) and Institute
of Company Secretaries of India on 26th July, 2020

The webinar was organised by Victoria Institution (College) in collaboration with the Institute of Company Secretaries of India which focused on the impact of COVID – 19 in the Indian Economy. Due to COVID-19, all the sectors were adversely affected that has disturbed the world economy as well as the Indian economy a lot.

In the technical session, there were three renowned speakers who had highlighted three different areas on Indian economy which were affected due to the pandemic. Firstly, Prof.CA.(Dr.) Chittaranjan Sarkar had about managing the crisis occurred and how one of the sensitive sectors, i.e. MSME was affected. Due to the demand chain problem, the production and the manufacturing processes, had stopped which badly slowed down the outcome of the MSME Sector.

The second speaker, Dr. Ram Prahlad Choudhary explained that the changes which occurred due to Covid had directly affected the higher education sector, which includes schools, colleges and universities.

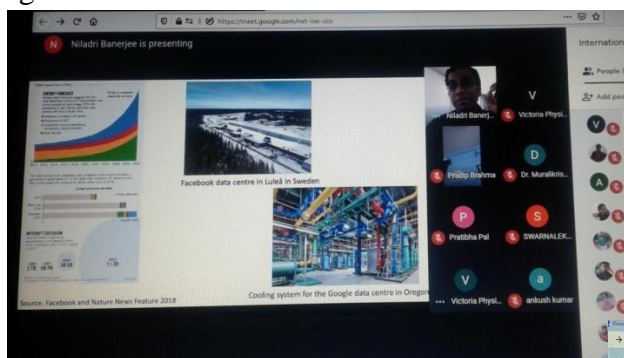
The last speaker, Dr Subramanyam Mutyala spoke that the Indian Financial Market was also drastically affected due to the pandemic. Moreover, he highlighted the fact, that the investors got so anxious, that they started withdrawing money from the share market which shattered the market adversely. He also added that the Covid pandemic had instilled a sense of fear in the minds of the investors and had barred them from investing their hard earned money in any new investments.



9) A brief report on Two-Day International Webinar on Recent Trends in Condensed Matter and Particle Physics organized by the Department of Physics, July 31st and August 1st, 2020

Condensed matter and Particle Physics are the emerging field of studies in the area of recent research throughout the world. The various aspects for the development of both theoretical and experimental studies of Condensed matter and Particle Physics can enhance the prospects of modern area of research. In this context, the Department of Physics, Victoria Institution (College), Kolkata, organized a Two-Day International webinar, on a digital platform, during July 31st July–1st August 2020. The lecture on Condensed Matter Physics highlighted the magnetic properties specially ferromagnetism, superconductivities, superconducting spintronics with spin-orbit coupling etc. while the speaker in her lecture on Particle Physics highlighted the concepts behind Quantum Chromo Dynamics (QCD) and how Lattice Quantum Chromo Dynamics (LQCD) calculations may be performed to extract hadronic properties. She also cited an example from her personal research on the precision test of the Standard Model (SM) using LQCD.

The webinar was attended by about **335 participants**, comprising of both students as well as faculty members, from regions across the country. The webinar mainly consists of two sessions. In the 1st session (on 31/07/2020 at 5:00 pm. IST) Dr. Niladri Banerjee, Associate Professor in the Department of Physics at Loughborough University, U.K. delivered his lecture in the field of Condensed matter physics in a very lucid way about the topic ‘Competition or cooperation? The curious case of superconductivity and ferromagnetism.’ In the 2nd session (on 01/08/2020 at 5:00 pm. IST) Dr. Bipasha Chakraborty, Leverhulme Trust Early Career Fellow and an Isaac Newton Trust Fellow in the Department of Applied Mathematics and Theoretical Physics at the University of Cambridge, UK., delivered her talk in the field of Particle physics in a very attractive way about the topic ‘Elucidating the world of quarks and gluons by simulating the strong force.’



10) Student's Participation in Online Workshop

02.08.2020, Dept. of Mathematics

Semester 3 Mathematics Honours student, Anwesa Das participated in an online workshop organized on “Capacity Building and Skill Enhancement For Competitive Exams” organized by Karimpur Pannadevi College on 02.08.2020 and successfully completed by obtaining certificate for the same.



11) Student's Participation in Online Course

12.08.2020, Dept. of Mathematics

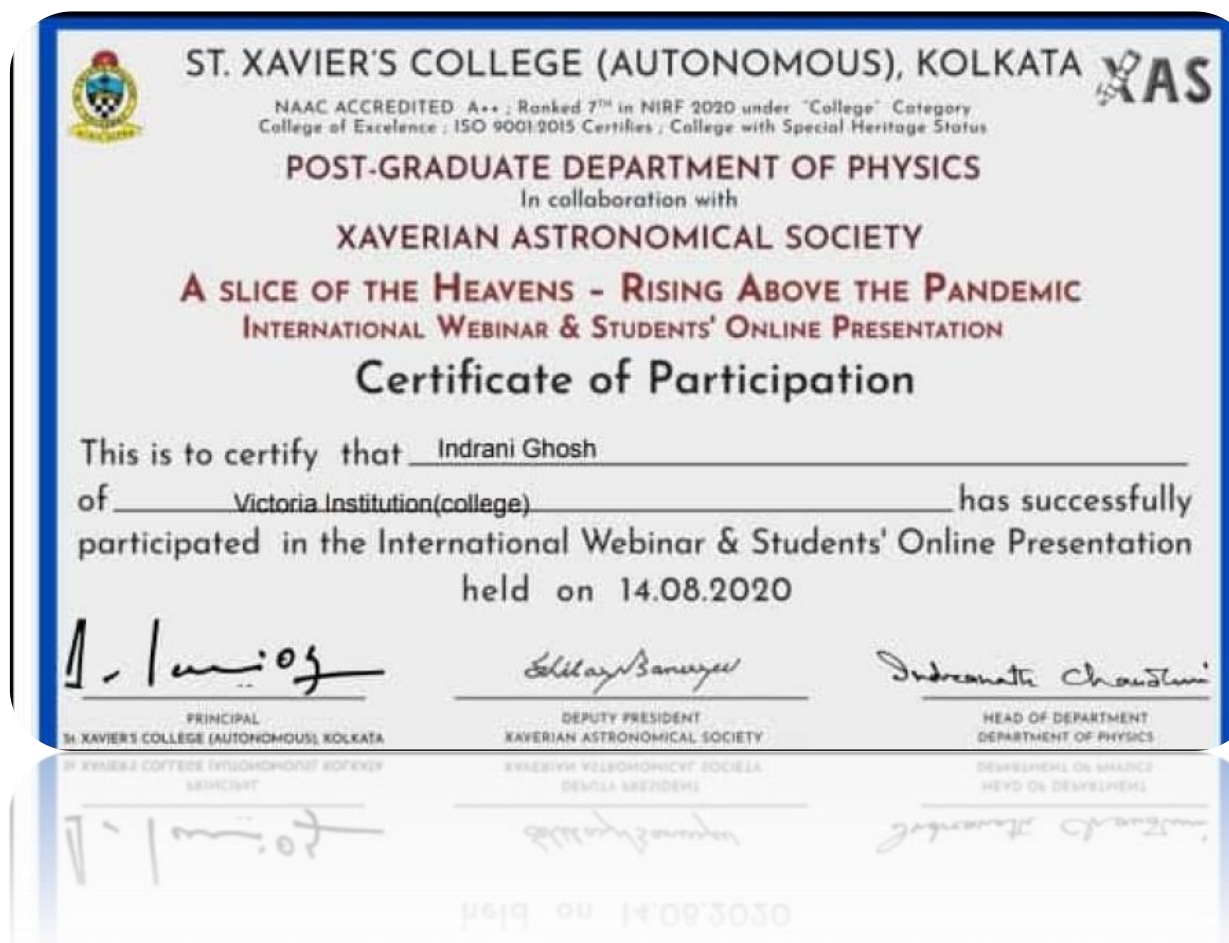
Semester 3 Mathematics Honours student, Shreya Bhowmick participated in a online non-credit course by the Hong-Kong University of Science and Technology on “Fibonacci Numbers and the Golden Ratio” on 12.08.2020 and successfully completed by obtaining certificate for the same.



12) Report on Student's Participation in online presentation

14.08.2020, Dept. of Physics

One 4th Semester student of Physics Honours named Indrani Ghosh, have successfully participated in the International Webinar and Students' online presentation on "A slice of the Heaven- Rising above the Pandemic", organized by the St. Xavier's College, Kolkata in collaboration with Xaverian Astronomical Society.



13) Students' Participation in National Level Experimental Skill Test

16th to 19th Aug, 2020, Dept. of Physics

Two Sem IV students, Nirupama Mitra and Indrani Ghosh and one IIIrd Year student Lipika Das of Physics Honours have successfully participated in the National Anveshika Experimental Skill Test conducted by the Indian Institute of Technology, Kanpur. This test was very much helpful for them to judge their experimental qualities in a National Level Test.



14) Student's Participation in Online Course

19.08.2020, Dept. of Mathematics

Semester 3 Mathematics Honours student, Shreya Bhowmick participated in a online non-credit course by the Hong-Kong University of Science and Technology on “Matrix Algebra for Engineers” on 19.08.2020 and successfully completed by obtaining certificate for the same.



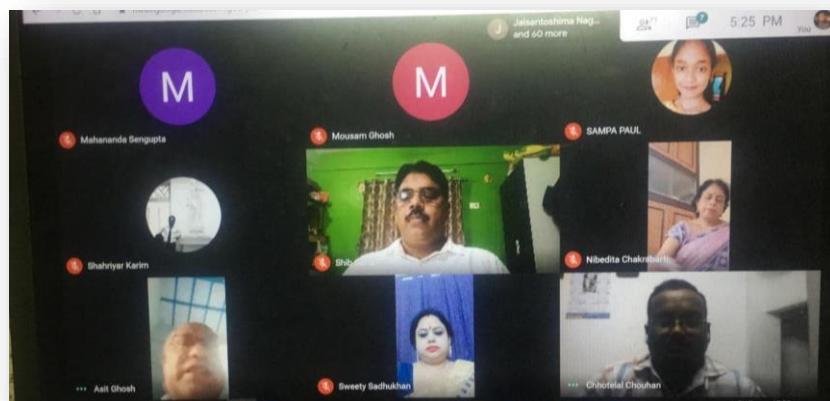
15) Two Day International Webinar on The Impact of Covid-19 Pandemic and Lockdown On Industry, Trade and Commerce
Dept. of Commerce and IQAC, Date - 30.08.2020 and 31.08.2020

The department of Commerce of the Victoria Institution (College) with IQAC and the Kishore Bharati Bhagini Nivedita college with IQAC had arranged a two-day international webinar dated 30/08/2020 and 31/08/2020 regarding the impact of Covid 19 pandemic and lockdown on industry, trade and commerce.

In this webinar, we had five eminent speakers, namely, Prof.(Dr.) Radhe.S.Pradhan, Prof.(Dr.) Ashish Kumar Sana, Prof.(Dr.) Debashish Sur, Prof.(Dr.) Amalendu Bhunia and Dr. Santus Kumar Deb.

Covid 19 drastically changed the social life as well as the industry, trade and commerce. Due to the rapid increase in the number of Covid cases, different forms of restrictions were imposed that completely destroyed the economic life. The lockdown took away jobs from people which affected their livelihood to a great extent. The speakers articulated their views regarding this crisis.

A segment was specifically designed for presenting papers by some selected presenters, who threw light on the areas that were badly affected due to the Covid -19 outbreak. Some of the presentations of the webinar, that were worth mentioning include, the impact of COVID -19 on the MSME sector, rural economy, migrant workers, agricultural sector, education etc.



16) Report on Web based International Workshop on ARDUINO and other Simulated Experimental Techniques organized by the Department of Physics, 1st and 2nd Sept, 2020

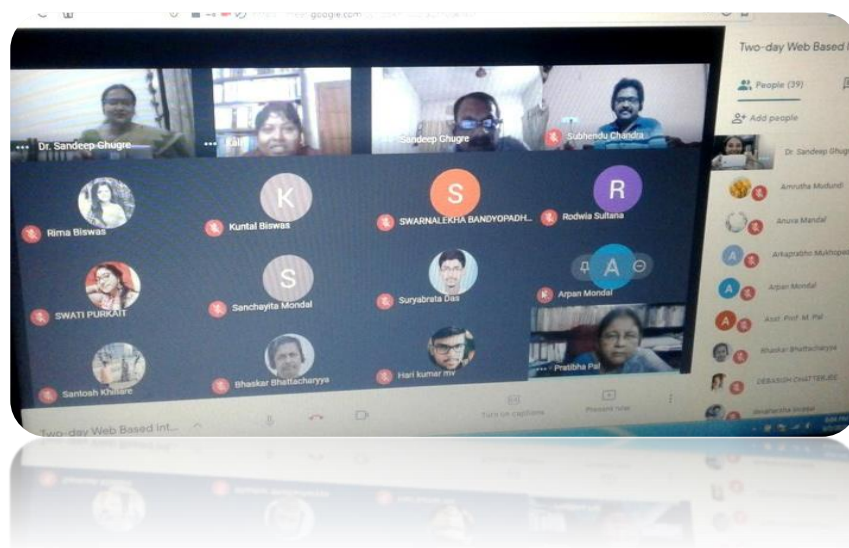
The year 2020 has been a very challenging one. Never before in our lives have we had such unprecedented circumstances. To keep the academic community engaged in the process of teaching and learning, various web based workshops and webinars are being organised by different Institutions. As our contribution to this initiative, we decided to organize this workshop on various simulated experimental techniques in the virtual platform.

The resource person for the discussion on ARDUINO and its application was Dr. Sandeep Ghugre , Senior Scientist and Head of the Nuclear Physics research group of the UGC-DAE CSR, KC. It was an introduction to the micro controller and other hardware required and the corresponding interfacing programs for demonstrating some basic experiments. As ARDUINO has recently been introduced in the UG syllabus this presentation was well appreciated by our student participants and faculty members as well.

Dr. Niladri Banerjee, Senior Lecturer (Associate Professor), Department of Physics, Loughborough University, United Kingdom, gave an Introduction to Micromagnetism and Object Oriented Micro Magnetic Framework (OOMMF), which is a finite difference program widely used to predict magnetism at submicron level. He discussed briefly the relevant theoretical aspects of magnetism in materials and demonstrated how this simulation software can be used. His presentation gave us an interesting insight into the research and simulation done in this field.

Dr. Subhendu Chandra, Head, Department of Physics, Victoria Institution (College) demonstrated the use of CIRCUIT MAKER 2000 for design and fabrication of different virtual electrical, analog and digital electronic circuits included in the theoretical as well as practical syllabi of different Universities. Our students, who were unable to attend classes for the last few months found this mode of demonstration interesting and we hope it will also be beneficial for them.

The workshop was well attended by 153 participants which included UG and PG students, Research Scholars and faculty members from different Colleges, Universities and Institutions throughout India.



17) Report on the International Webinar on Recent Advancement in Cancer Research

organized by the Dept. of Botany and ISCA, VIC Unit in collaboration

with ISCA, Kolkata Chapter on 12.09.2020

The Department of Botany and Indian Science Congress Association, VIC Unit of Victoria institution (College) Kolkata, jointly organised one International Webinar in collaboration with Indian Science Congress Association , Kolkata Chapter on “RECENT ADVANCEMENT IN CANCER RESEARCH” to celebrate the Golden Jubilee year of Department of Science and Technology, India, 2020-2021

The main objective of this webinar was to highlight and make people aware of the recent research trends in cancer research across the globe. The programme was conducted on Google meet with YouTube live streaming. About 115 participants registered for this webinar and about 65 participants logged in to Google meet and about 15 participants watched the YouTube live streaming.

The resource persons for the Webinar were Dr. Animesh Dhar, Scientific Advisor Genzada Pharmaceuticals Hutchinson, Kansas & Associate Professor, Retired Emeritus Cancer Biology University of Kansas Medical Center Kansas City, Kansas and Dr. Shrikant Anant, Kansas Mason Professor and Chair Department of Cancer Biology School of Medicine.

ONE DAY INTERNATIONAL WEBINAR
On
RECENT ADVANCEMENT IN CANCER RESEARCH
Organized by Department of Botany and ISCA Unit
Of
Victoria Institution (College)
78B, A.P.C. ROAD, KOLKATA-700009
In Collaboration With
INDIAN SCIENCE CONGRESS ASSOCIATION, KOLKATA CHAPTER
To Celebrate
GOLDEN JUBILEE YEAR OF DEPARTMENT OF SCIENCE AND TECHNOLOGY, INDIA 2020-2021
12TH SEPTEMBER, 2020 | SATURDAY | 6:00-8:30PM (IST)

REGISTRATION: Please Click The Link Below: <https://www.vic.edu.in/indian-science-congress-association>
On Scan The QR Code:

EVENT PLATFORM: Google Meet

THIS WEBINAR IS OPEN TO ALL THE FACULTY MEMBERS AND STUDENTS

RESOURCE PERSONS

Dr. ANIMESH DHAR Associate Professor (Retd.) Department of Cancer Biology, University of Kansas Medical Center, Kansas, USA	Prof. SHRIKANT ANANT Professor and Chair Department of Cancer Biology, Associate Director, Basic Sciences, University of Kansas Cancer Center, University of Kansas Medical Center, Kansas, USA	Dr. NIBEDITA CHAKRABARTI Principal, Kolkata Institute (College), Kolkata.	Dr. GANESH CHAKRABARTI General President, ISCA	Dr. MANOJ CHAKRABARTI Chairman, ISCA Kolkata Chapter and Formerly General President, ISCA
--	--	---	--	--

SOME USEFUL INFORMATION

- Registration is Free But Mandatory.
- Registration is To Be Done By 09/09/2020, After Through The Link Provided.
- Google Meet Meeting ID Will Be Sent To First 85 Registered Participants To Participate - mail ID.
- Every Registered Participants Will Get e-certificate Through e-mail Upon Submission of Feedback Form And After The Webinar.

HOSTS

Dr. SHIKHARJITA BARI Asst. Professor, Dept. of Botany, VIC Unit	Dr. SUDIP SAHA Asst. Professor, Dept. of Botany, VIC Unit	Dr. RISHI CHAKRABARTI Asst. Professor, Dept. of Botany, VIC Unit
---	---	--

FOR ANY FURTHER QUERY, PLEASE FEEL FREE TO MAIL AT: webinarvic@gmail.com

Cancer Chemoprevention: Yin and Yang

Animesh Dhar Ph.D.
Scientific Advisor
Genzada Pharmaceuticals
Hutchinson, Kansas
USA
&
Associate Professor (Retired Emeritus)
Cancer Biology
University of Kansas Medical Center
Kansas City, Kansas
USA

Chemopreventive Dietary Components Targeting CSCs

Curcumin	Resveratrol	Red Grapes
EGCG	Green Tea	Genistein
Bioflavonoids	Vitamin D3	Milk, Egg, Cheese, Fat
Lycopene	Tomato	Cholesterol

COVID 19 and Cancer

Chemotherapy can weaken the immune system and may increase the risk for severe illness from COVID-19.

Other risk factors may also increase the risk for severe illness from COVID-19, including: asthma, lung, heart, liver, or kidney disease.

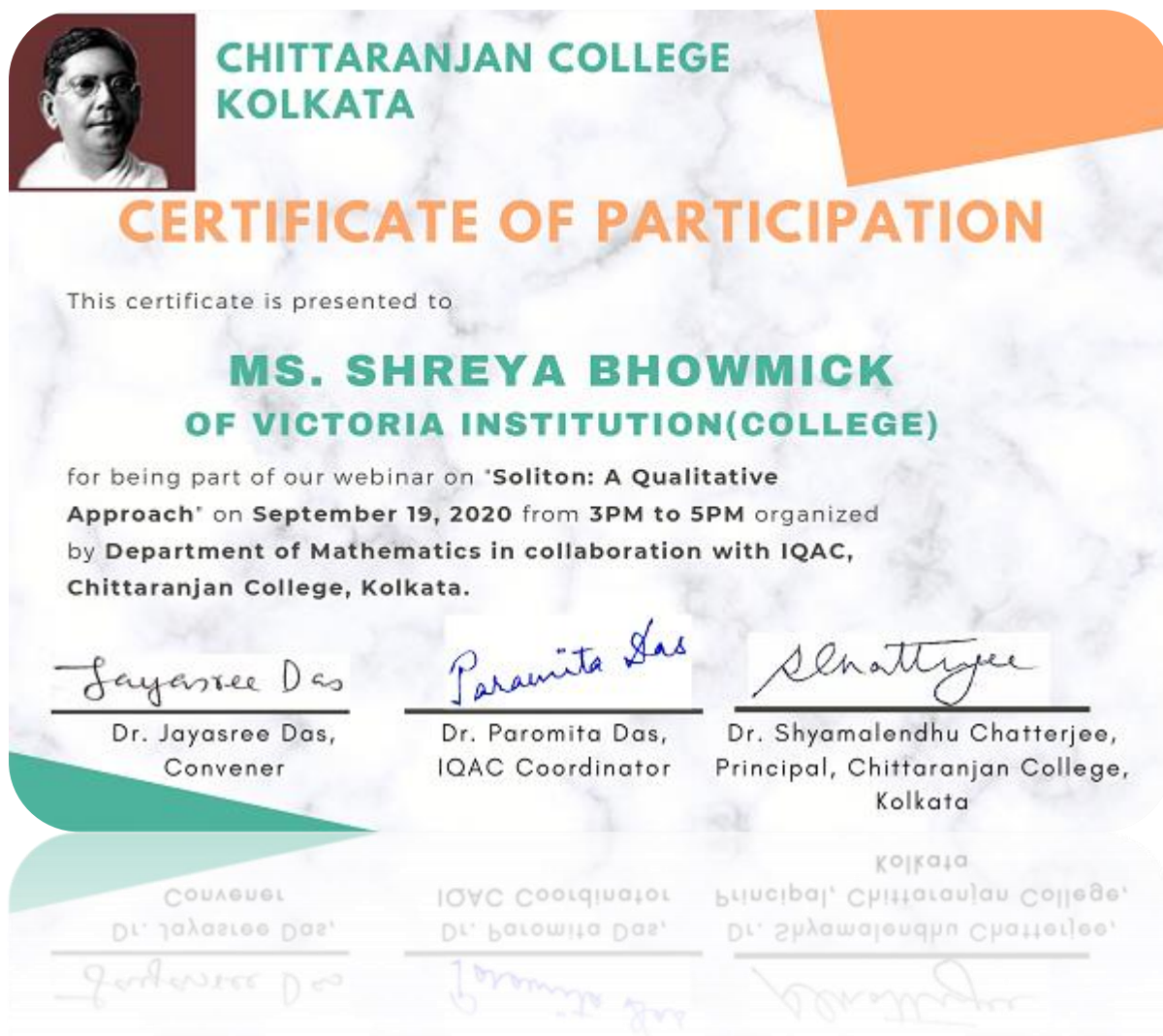
The reason is COVID 19 virus spike protein can bind to ACE (angiotensin converting enzyme) receptor of the cells particularly in lung cells that can be overexpressed due to those disease conditions particularly in cancer due to treatments of chemotherapeutic drugs. That can cause virus to enter inside the cells very quickly for co-morbidity of those patients.

Preventive measure of those cancer patients are important for survival in COVID 19 pandemic.

18) Student's Participation in Webinar

19.09.2020, Dept. of Mathematics

Semester 3 Mathematics Honours student, Shreya Bhowmick participated in a Webinar on “Soliton: A Qualitative Approach” organized by Department of Mathematics, Chittaranjan College, Kolkata on 19.09.2020 and obtained certificate for the same.



19) Report on Student's Participation in a National Workshop

Dept. of Physics during 28.12.2020-04.01.2021

One of our final year student Nilanjana Bag was selected to participate in the C.K. Majumdar Memorial Summer Workshop in Physics, 2020 conducted by the Indian Association of Physics Teachers, Regional Council 15 and S.N. Bose National Centre for Basic Sciences during 28/12/2020-04/01/2021. This programme was used to be held at the Auditorium of SNBNCBS. But due to Covid 19 pandemic it was held online this year.

Even though it was a great opportunity and achievement for her to be selected as one of the participant in this flagship program of IAPT, RC 15 among many applicants from all over India. This workshop surely widened her views about recent advances of physics and will help her to pursue higher studies.



C. K. MAJUMDAR MEMORIAL WORKSHOP IN PHYSICS 2020

Organized jointly by

Indian association of Physics Teachers (Regional Council 15)

and

S N Bose National Centre for Basic Sciences, Salt Lake, Kolkata

Certificate of Participation

Certified that **Nilanjana Bag**

of **Victoria Institution**

has actively participated in this Workshop held (online in webinar form) from

December 28, 2020 to January 4, 2021.

Prof. Kajjan Mandal
(Coordinator, SNBNCBS)

Prof. G.P. Das
(President, IAPT, RC15)

Prof. Sujita Chakraborty
(Coordinator, IAPT, RC15)

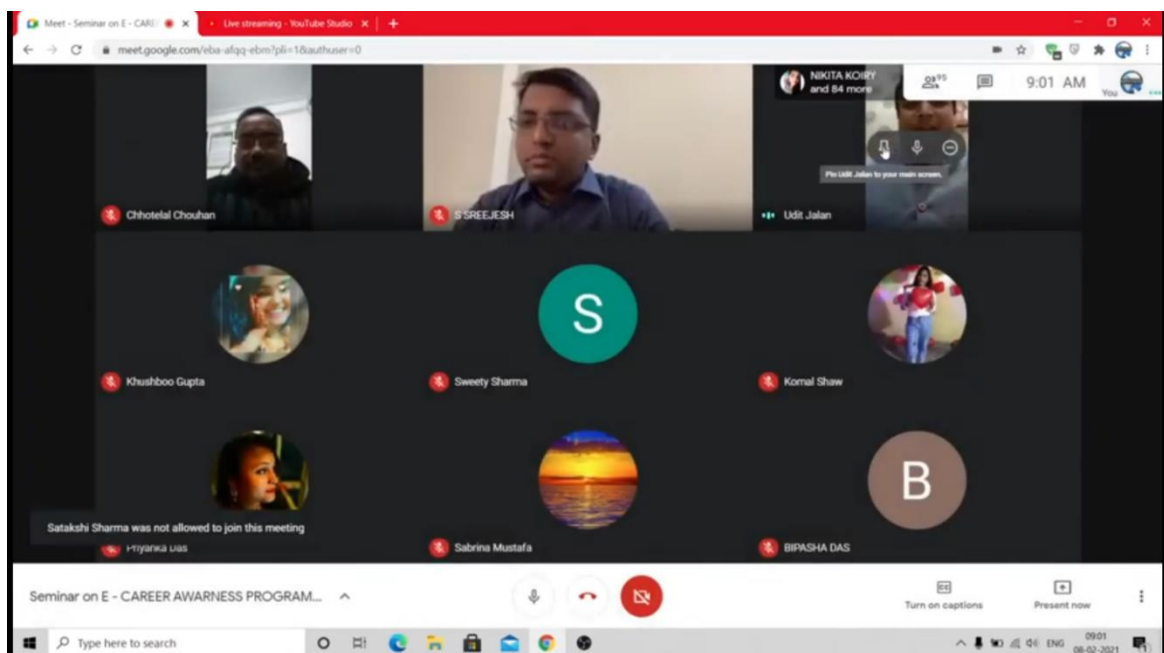
20) E – Career Awareness Programme by Institute of Company Secretaries of India

in collaboration with Dept. of Commerce

on 8th February, 2021 (Time – 9 A.M. to 10 30 A.M.)

The Webinar has been conducted by Institute of Company Secretaries of India regarding the career growth of the student as a company secretary. A company secretary can also treat as corporate lawyer and his job is to supervise all the legal matters of the organisation and to maintain strong administration within the firm. In this COVID – 19 situation when students are really depressed regarding their career goal, in that particular time this webinar conducted by ICSI has motivated them to get a new path in their life. A motivational speech has been delivered by GST Expert Udit Jalan in this webinar. He has mentioned in his speech that students must not think that this pandemic is going to ruin their future permanently rather they should think that they are getting more time to shape up their career aspects and meet up the requirement as per their vision.

YouTube Link -https://youtu.be/ITd_LvwLKws




21) E Career Awareness Programme and GST in India
organized by the Dept. of Commerce in collaboration with
the Institute of Cost and Management Accountant of India
on 8th February, 2021 (Time –10 30 A.M. to 12 Noon)


The Institute of Cost and Management Accountant of India has shown a path towards developing the career of the students. While doing graduation they can get the idea regarding then future scenario of job aspects. Sometime the students get confused that can they do something apart from graduation to enhance their career? So, ICMA has provided that guidelines to the students which help them to access the right area for their future.

The programme also being conducted by considering discussion related with a topic. The speaker for the topic was the Associate Professor and Head of WBSU, Dr. PranamDhar. He has highlighted the different elements of GST and how this GST has been calculated while filing indirect tax. The student does not have huge idea about GST so this webinar has helped them a lot to grab this new area of Taxation system. The Speaker has also told about how the students can consider this GST aspect as their career opportunity.

WebEx Link -<https://eirc.webex.com/eirc/onstage/g.php?MTID=efe0cbad2d0b3547c35ec315af0ec1b86>

The poster features a pink and white background with a subtle wave pattern. At the top, it displays the logos of The Institute of Cost Accountants of India (ICAI) and Victoria College Institution. The text is centered and uses a mix of bold and regular fonts. The main title is in a large, bold, red font. The date and time are in a bold blue font. The speaker's name and affiliation are in a regular black font. The organizers' names and titles are listed in a regular black font. The contact information is provided at the bottom in a regular black font.

 **THE INSTITUTE OF COST ACCOUNTANTS OF INDIA**
EASTERN INDIA REGIONAL COUNCIL
(Statutory body under an Act of Parliament)



Jointly with
VICTORIA COLLEGE INSTITUTION
Organises

E Career Awareness Programme
& Seminar on
“Goods and Service Tax (GST) in India”
Monday, 8th February 2021 from 10.30 am onwards

The link to join & register the Programme :-
<https://eirc.webex.com/eirc/onstage/g.php?MTID=efe0cbad2d0b3547c35ec315af0ec1b86>

Speaker : Prof. (Dr.) Pranam Dhar
Associate Professor & Head, Department of Commerce & Management,
West Bengal State University, Barasat, West Bengal.

Organisers

<p>CMA Ashis Banerjee Chairman, ICAI EIRC</p>	<p>Dr. Chhotelal Chouhan HOD of Department of Commerce Victoria College Institution</p>
<p>CMA Arundhati Basu Vice Chairperson, ICAI-EIRC Chairperson- Student Facilities & Training Committee</p>	<p>Smt. Shubhasmita De Faculty Victoria College Institution</p>

For any queries please contact :-

Address:-
CMA Bhawan, 84, Harish Mukherjee Road, Kolkata 700025

Contact :-

Mr. Mainak Biswas Assistant Education Dept. 9674213166	CMA Debosmita Sengupta Senior Officer (Accounts, PD & Placement) 8240809768	Mr. Trilochan Ghosh Senior Officer (Admin, IT & Education)-for IT Support 9830466976
---	--	---

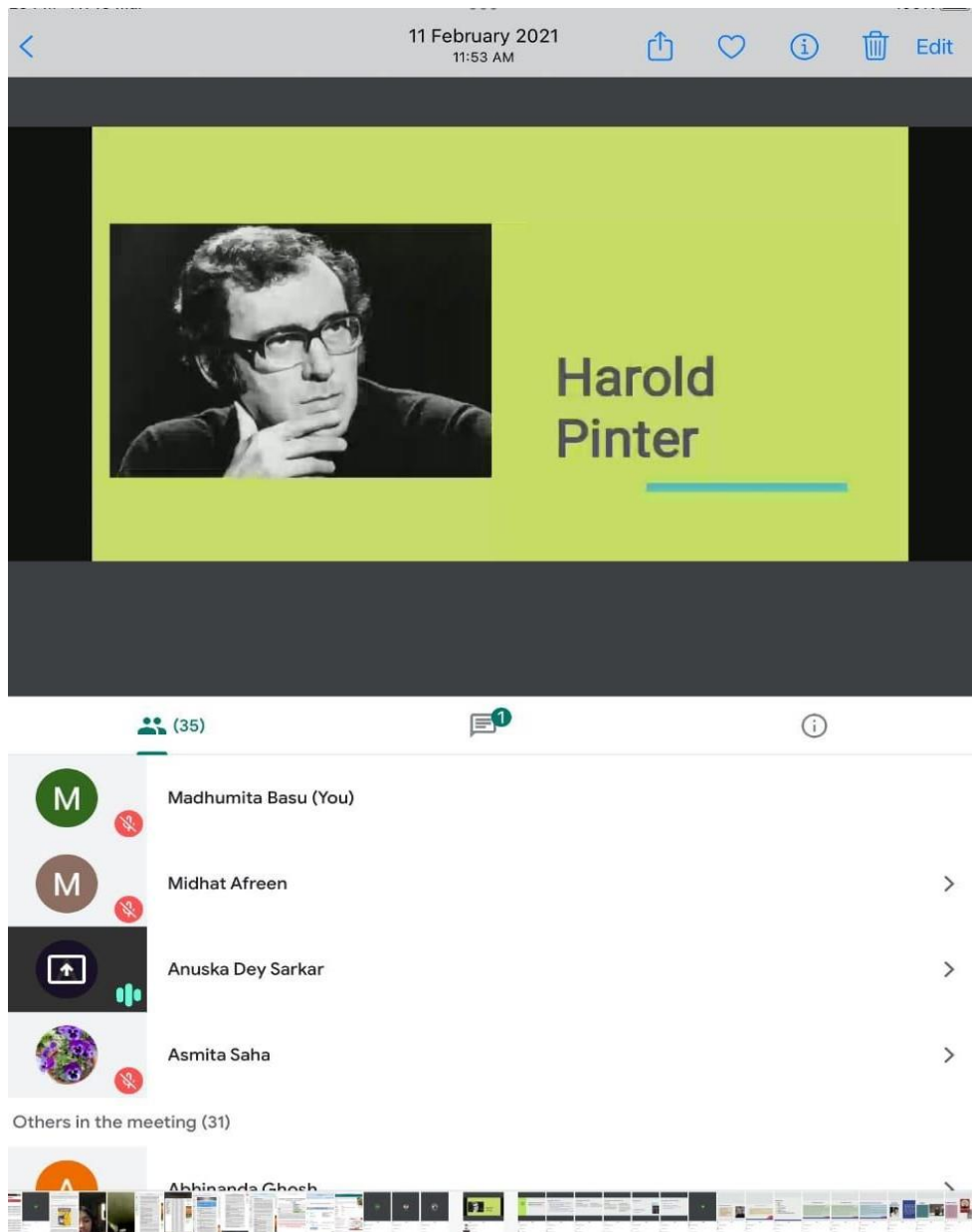
E-Mail
eirc@icmai.in
eirc.studies@icmai.in

Website
www.eircficmai.com

22) Students' Talk (Sem 1) on Harold Pinter
organized by the Dept. of English on 11.02.2021

On 11.02.2021 the students of Sem 1 ENGA participated in a Departmental Student talk where they gave PPT presentation on Harold Pinter (part of their CC 1 syllabus) under the guidance of Dr. Madhumita Basu. The talk was conducted online via Google Meet.

Number of students participated – 35



23) Student's Participation in Web-Workshop

22.03.2021-28.03.2021, Dept. of Mathematics

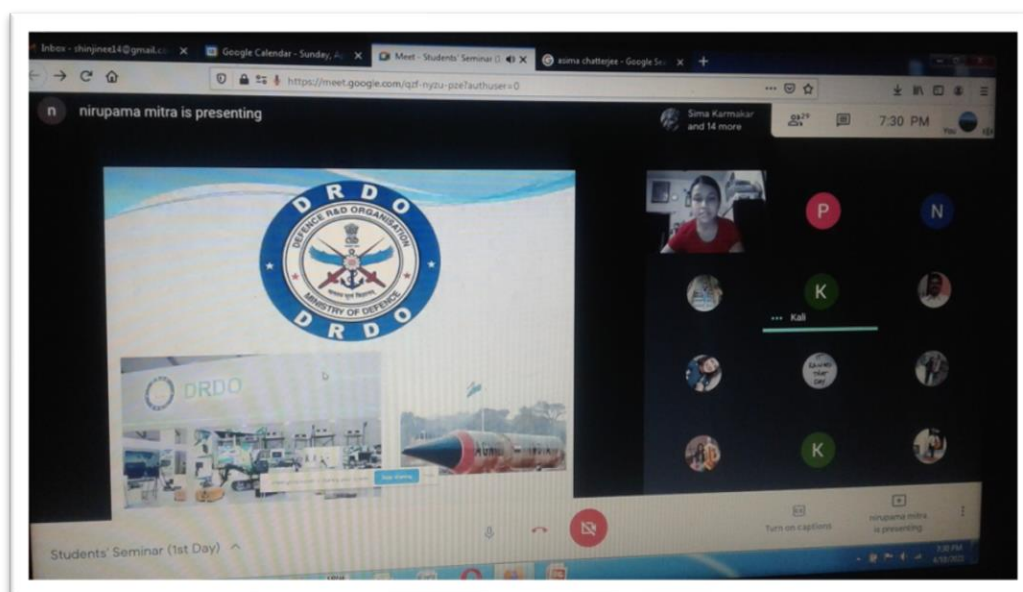
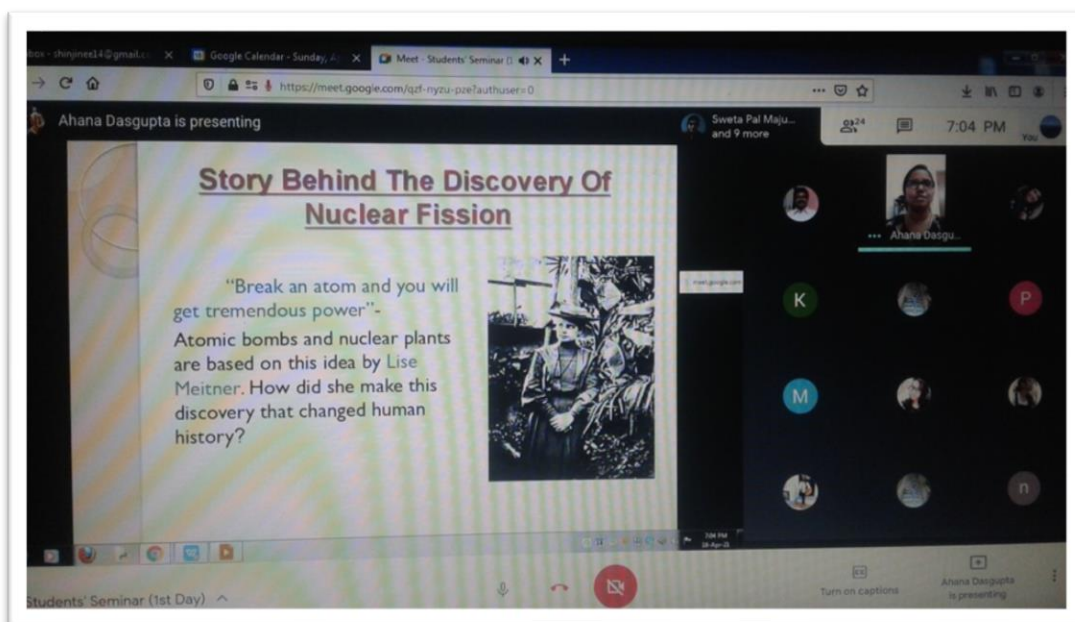
Semester 5 Mathematics Honours student, Subarna Ghosh participated in One Week Web-Workshop for UG students on “Metric Spaces” organized by Department of Mathematics, Krishna Chandra College, under the strengthening component of DBT-STAR College scheme by the Department of Biotechnology, Ministry of Science and Technology, Government of India during 22nd March 2021 to 28th March, 2021 and successfully completed by obtaining certificate for the same.



24) Report on the Students' Seminar organized by the Dept. of Physics

18.04.2021 and 24.04.2021

Dept. of Physics organized an online Students' Seminar in April 2021. About 18 Physics Hons students of Sem VI, IV and II have delivered short presentations on various Physics Topics, starting from the ones in their syllabus to some leading research areas. Students were very much enthusiastic to be part of this event which gave them an opportunity to continue co-curricular activities during this difficult time of pandemic.

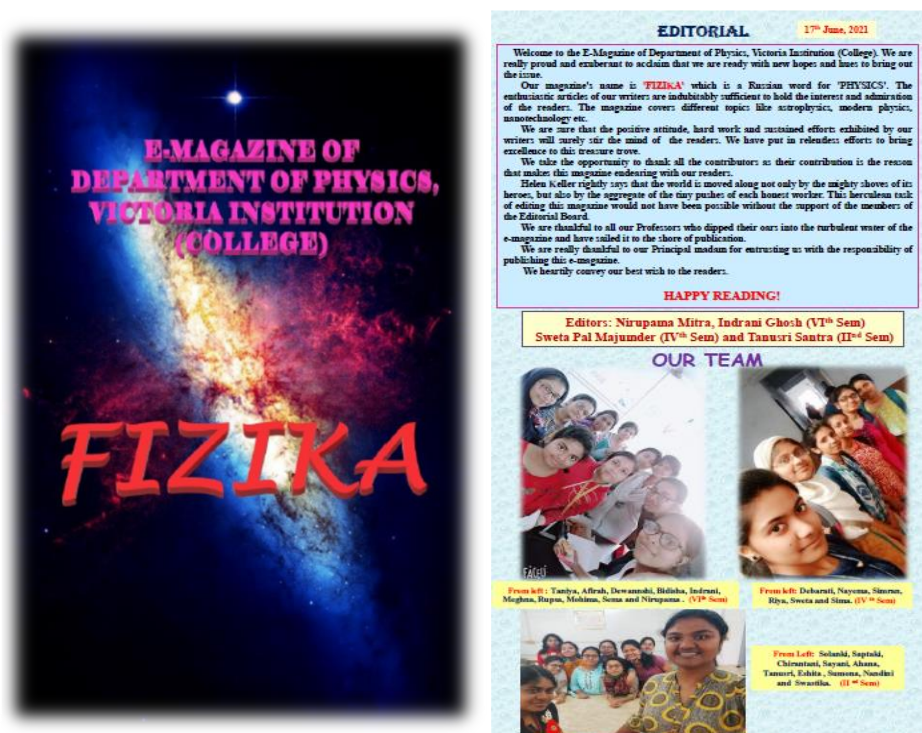


25) Publication of E-Magazine "FIZIKA" by the Dept. of Physics, 17th June, 2021

We are elated and appreciate the sincere endeavor of our students to create the E-Magazine "FIZIKA" in this hard time. This kind of activity not only boost up the independent thinking capability and management skills to carry out team work of the students but also enhance their overall development.

"FIZIKA" is full of clear explanation of interesting scientific phenomena from diverse fields of physics starting from relativity, electro-magnetic theory, quantum physics, nuclear and particle physics to astrophysics, quantum computation and nano-materials. Moreover, the students also have highlighted some of the benchmark technological developments and scientific projects of the internationally acclaimed national scientific organizations like DRDO, ISRO. Discussion on the historical Manhattan project complements their interest about the indigenous scientific progress. It is our immense pleasure to see that the students have acknowledged the contributions of the women physicists in the development of this field. Articles on the application of physical laws in sports, physics in popular culture and the two science fiction stories act as the topping to the variety of this e magazine. We give the appraisal to our Student Editors for efficiently completing the painstaking job of editing.

Finally, we want to thank our Principal madam for her constant support and encouragement in publishing this magazine. We wish that this little effort made by our students will be appreciated by the readers. This E-Magazine was published on-line on 17.06.2021 and posted in our college website.

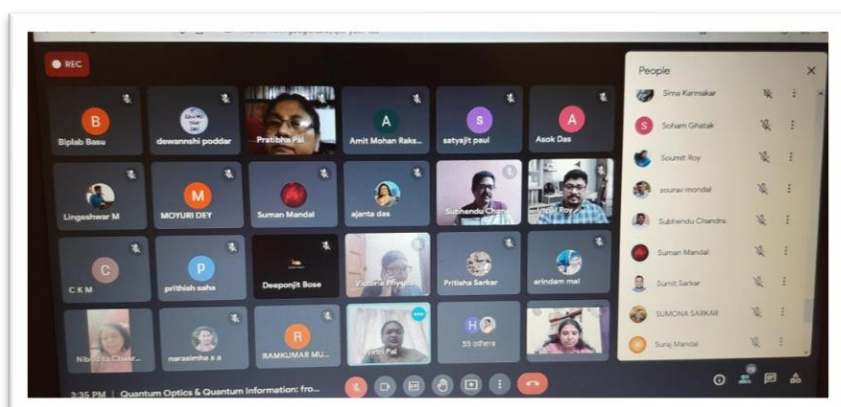
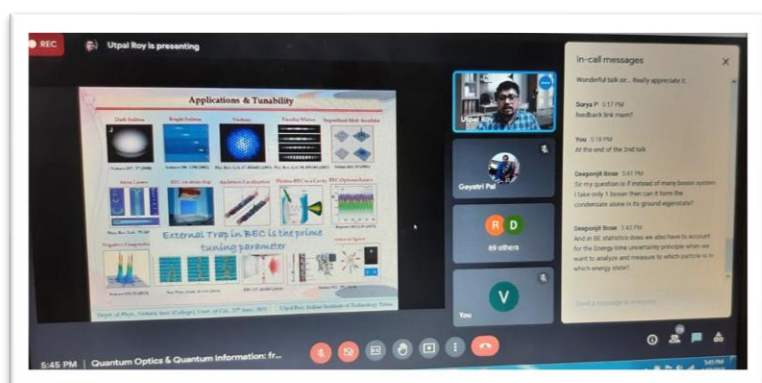


**26) One – Day National Webinar on
Quantum optics and Quantum Information : from Basics to Applications.
Organized by the Department of Physics on 27th June 2021**

The pandemic which began in the year 2020 is still on in full swing . With all educational institutions closed since March 2020, the student community is going through an extreme uncertain phase. To keep the students as well as faculty members engaged in the process of teaching and learning various webinars are being organized by different Institutions . As our contribution to this endeavor, we decided to organize this One – Day National Webinar on Quantum optics and Quantum Information : from Basics to Applications.

The object of this Webinar was to give an overview in the field on Quantum optics and information. The resource person was Dr. Utpal Roy, Associate Professor and former head in the Department of Physics , Indian Institute of Technology, Patna. Dr Roy gave his presentation in two sessions. In the first part he explained about the basics concepts of Quantum Mechanics with vivid illustrations. In the second session he spoke on the applications of Quantum Mechanics with special emphasis on Bose – Einstein Condensation and also discussed some results from his own area of research and publications. His lucid presentation gave a glimpse into the these topics in Physics and was very beneficial for the student participants as Quantum Mechanics and Bose – Einstein Condensation are included in the UG and PG syllabus of different Universities.

The Webinar was well attended by 136 participants which included UG and PG students, Research Scholars and faculty members from different Colleges, Universities and Institutions throughout India.



27) Participation in National Level Quiz Competition on June, 2021

Dept. of Mathematics

Two Semester 3 Mathematics Honours students, Kankana Sarkar and Triyasha Sarkar participated in online National Level Quiz Competition on June-2021 at Government College, Behrian (Pehowa), Kurukshetra, Haryana.



Part C: Extra-Curricular Activities

1) Student's Participation in Awareness Programme

05.07.2020, Dept. of Mathematics

Semester 3 Mathematics Honours student, Shreya Bhowmick participated in a National Webinar on “Covid-19: Testing and Modelling Perspective”, an awareness programme for students, faculty and staff organized by Surendranath College, Kolkata on 05.07.2020 and obtained certificate for the same.



2) Report on Student's Achievement in Competition,

Dept. of English, 28th July 2020

Debapriya Dutta, (now in Sem 6) of English dept. had secured back in 2020 two Certificates for online Essay writing and Documentary competition-
2nd prize in Documentary competition organized by Little Flower College, Guruvayoor, Kerala.

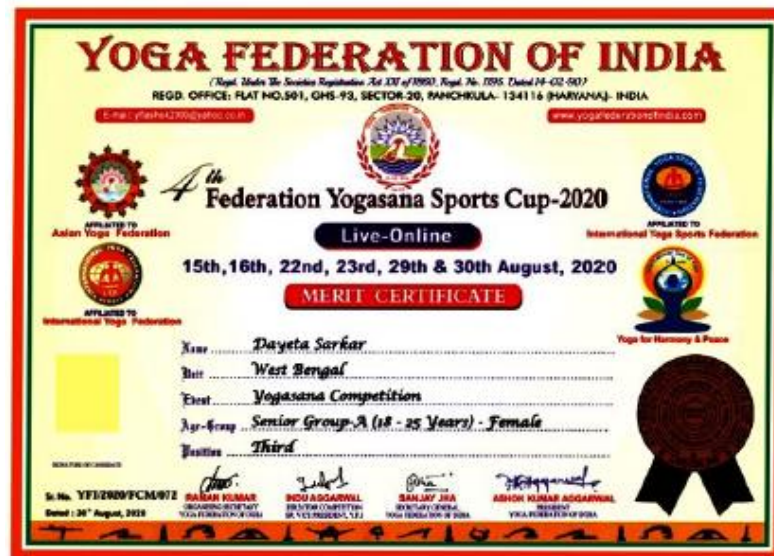
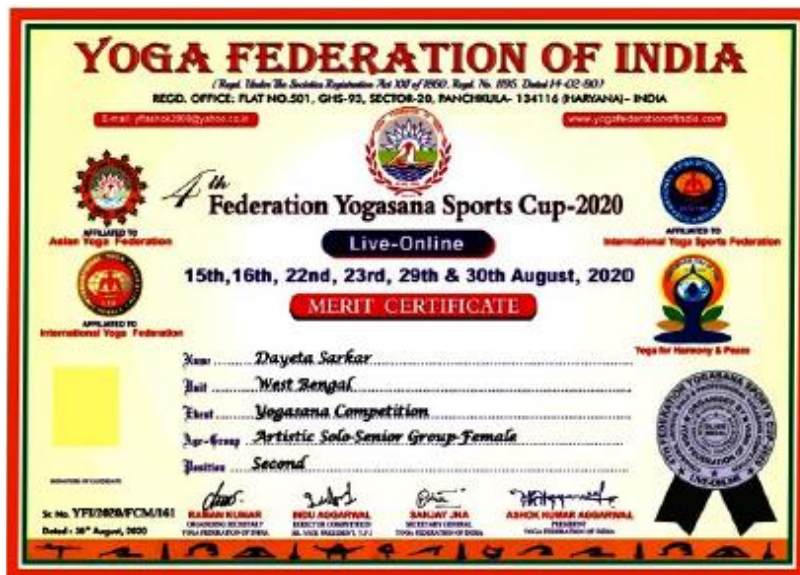


3) Report on Student's Achievement in Yoga Sports,

Dept. of Psychology

15th – 30th , Aug, 2020

Yoga Federation of India organized Yoga Sports Cup From 15th – 30th August 2020 (Online) and Dayeta Sarkar stood 2nd in Artistic Solo Senior Group Female and 3rd in Senior Group Female (18 –25 yrs) in Yogasana Competition.



4) Report on Student's Achievement in Yoga Sports,

Dept. of Psychology

15th – 31st Jan, 2021

Yoga Federation of India organized Yoga Sports Cup From 15th – 31st January, 2021 (Online) and Dayeta Sarkar stood 2nd in Senior Group Female B (21- 25 yrs).

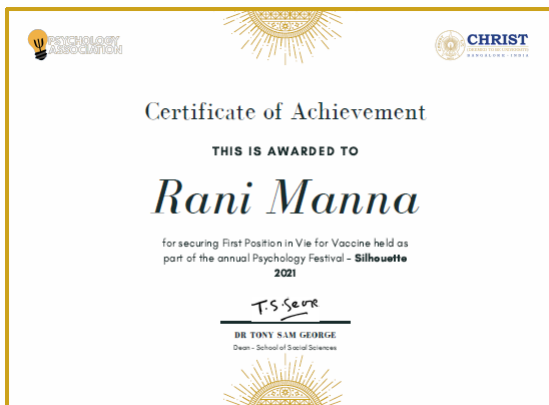


5) Report on Students' Achievement in Psychology Festival,

Dept. of Psychology

15th Mar, 2021

On 15/3/2021 Christ University organized Annual psychology festival – Silhouette. Our Semester 2 students participated in Art, Debate and Singing Competition and won prizes in various events.



6) Report on Students' Achievement in Inter College Competition,

Dept. of Geography

26th April, 2021

IQAC of Muralidhar Girls' College, Kolkata organized an Online Inter-College Cultural Competition on 26th April 2021. A number of events and cultural activities were conducted for the students in an online platform. Then the result of the competition was declared on 9th May 2021. Two students from Geography Department secured remarkable ranks because of their performances. Moutan Roy Chowdhury, a student of Semester 6 Honours (batch 2018

- 2021) secured First position in Rabindra Sangeet category and Piyanka Mondal, a student of Semester 4 Honours (batch 2020 admission) secured First position in the Pencil Sketch (Painting) category of the competition.



7) Report on Student's Achievement in Yoga Sports,

Dept. of Psychology

1st - 2nd May, 2021

International Yoga Sports Federation organized The World Cup Sports Artistic Yoga Single 2021 from 1st - 2nd May, 2021. Dayeta Sarkar stood 3rd in above 18 years Amateur Ladies Category.



8) Selection of a poem written by a student for Anuranan Sahitya Gosthi Pvt Ltd

06.05.2021, Dept. of Physics

A poem written by Indrani Ghosh, a Sem VI student of Dept. of Physics got selected by Anuranan Sahitya Gosthi Pvt Ltd for publishing in their Anuranan Sahitya Patrika, 2021.



CERTIFICATE OF NOMINATION



This certificate of nomination is proudly given to

Indrani Ghosh

for the submission "OVIMAAN"
which has been selected for publication into the Anuranan Sahitya Patrika 2021 Annual Edition.

Issued On: 6/5/2021

Mrida Nath Chakraborty

MIRIDA NATH CHAKRABORTY,
Executive Editor in Chief
Anuranan Sahitya Patrika.

Joyita Adhikari

JOYITA ADHIKARI
Chief of Operations &
Managing Editor ASC.

Anurag Sarkar

ANURAG SARKAR,
Founder & Managing
Director, ASC.

Swastik Nath

SWASTIK NATH,
Director of Technology, &
Managing Director, ASC.

স্বাস্থ্যকর জীবনকে
প্রদর্শন করে।
স্বাস্থ্যকর জীবনকে
প্রদর্শন করে।

Mrida Nath Chakraborty

স্বাস্থ্যকর জীবনকে
প্রদর্শন করে।
স্বাস্থ্যকর জীবনকে
প্রদর্শন করে।

Joyita Adhikari

স্বাস্থ্যকর জীবনকে
প্রদর্শন করে।
স্বাস্থ্যকর জীবনকে
প্রদর্শন করে।

Anurag Sarkar

স্বাস্থ্যকর জীবনকে
প্রদর্শন করে।
স্বাস্থ্যকর জীবনকে
প্রদর্শন করে।

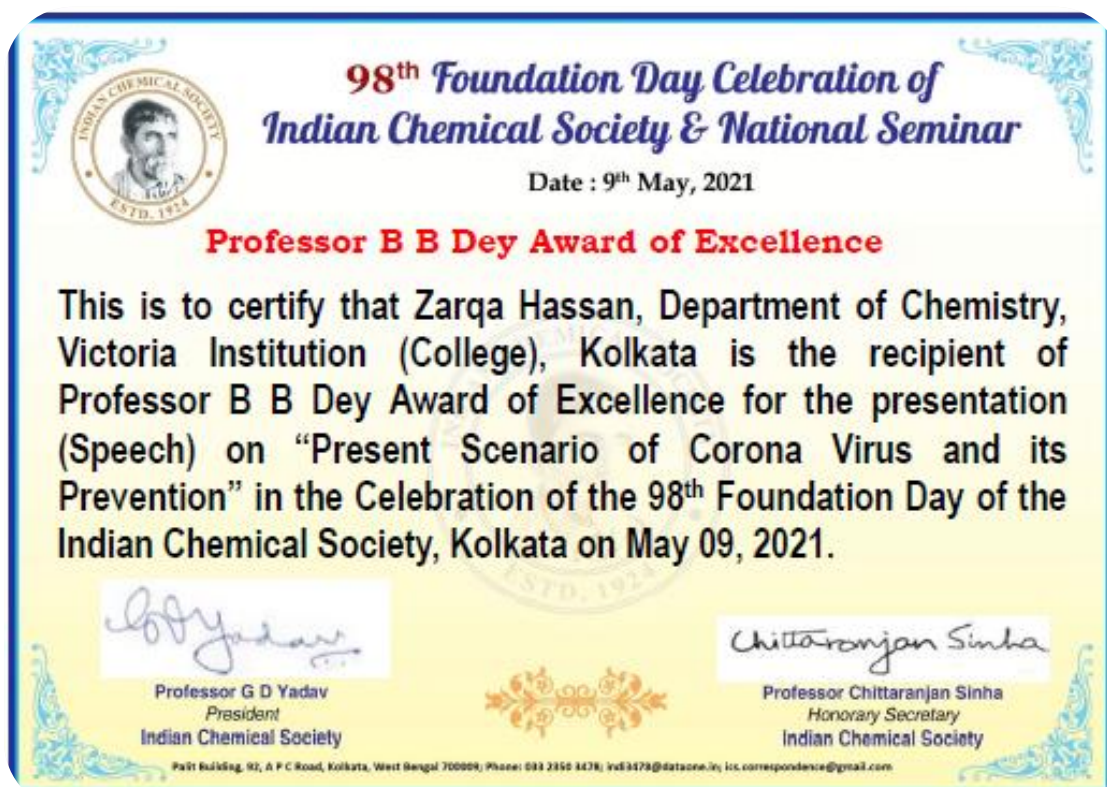
Swastik Nath

9) Report on Student's Achievement in Inter College Competition

Dept. of Chemistry

9th May, 2021

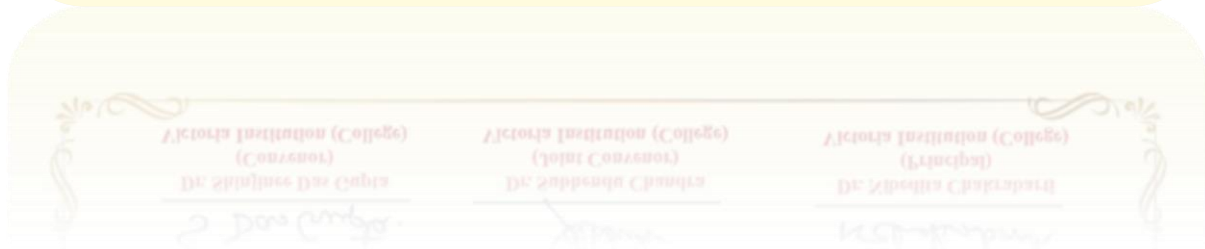
Our student Zarqa Hassan is the recipient of Professor B B Dey Award of Excellence for Presentation organized by the Indian Chemical Society.



10) Student's Participation in Webinar on 27.06.2021

Dept. of Mathematics

Semester 3 Mathematics Honours student, Pritisha Sarkar participated in a One Day National Webinar on “Quantum Optics and Quantum Information: from Basics to Applications” organized by Department of Physics, Victoria Institution (College), Kolkata on 27.06.2021 and obtained certificate for the same.



Part D: Commemorate Days

1) Report on Student's Achievement in Independence Day Quiz Competition

Dept. of English, 15th Aug, 2020

Debapriya Dutta, (now in Sem 6) of English dept. had secured the 3rd place in All India Independence Day Online Quiz Competition 2020 , organized by Satyapriya Roy College of Education, Saltlake , Kolkata.



**2) Report on the Celebration of Teachers’
Day (2020) by the Dept. of English on 05.09.2020**

Even during the pandemic, when we had to switch to the online mode of education, the students of English Department successfully conducted on their own Cultural programme to celebrate Teachers’ Day (on Google Meet platform) thereby using the virtual platform for showcasing their many talents in singing, recitation etc. It was indeed a joyful experience for both the faculty and the students.

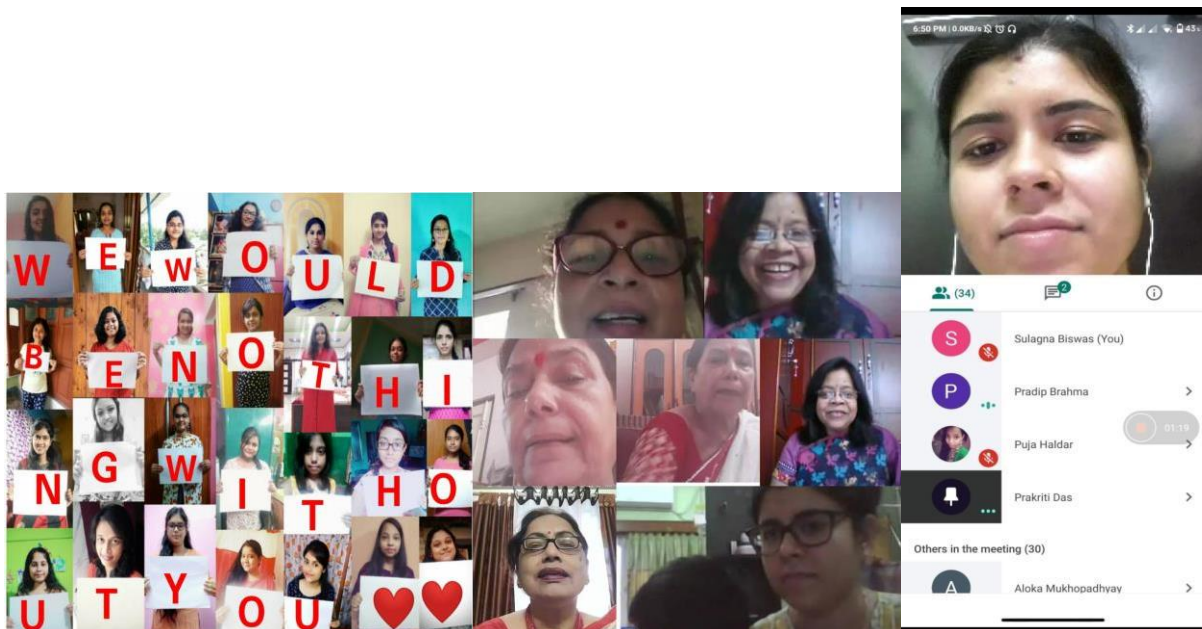
Like every year such events helped us to know our students better, recognize their hidden talents/ skills and most importantly strengthen our bond.



3) Report on the Celebration of Teachers' Day

by the Dept. of Geography on 05.09.2020

The 2018-2021 Honours batch of Geography Department organized the celebration of Teachers' Day on 5th September 2020 in an online platform (Googlemeet). The said batch of Geography Honours comprised of 35 students in total. All of them participated in the online celebration. They conducted a nice cultural programme in which many students presented their performances. Sreya Nag, Sayani Khanra, Soumana Das showed dance performances, Deepashree Chatterjee and Ishika Ghosh sang songs for their beloved teachers. A few students also gave their lovely speeches in this occasion. The students made that day very special for all the teachers of Geography Department.

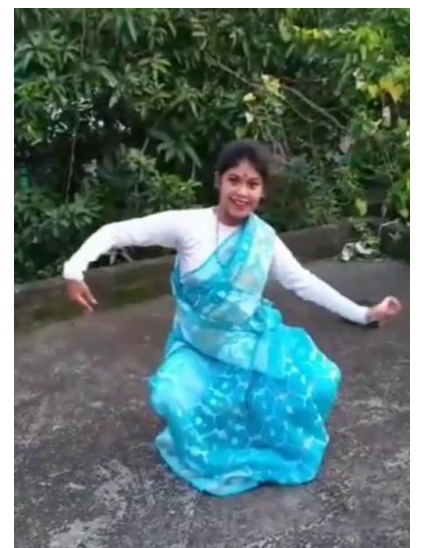
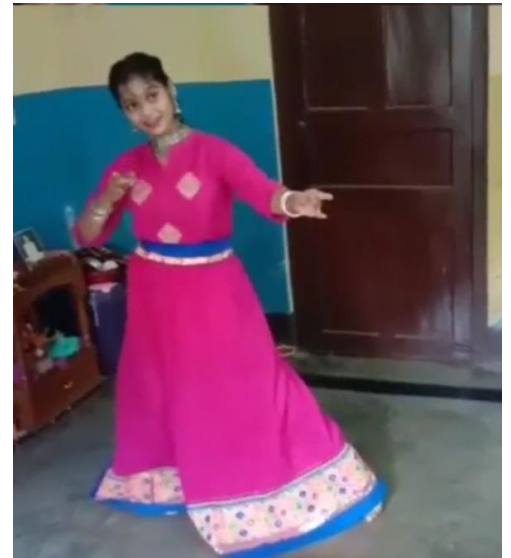


4) Teachers' Day Celebration on 05.09.2020

Dept. of History

Students of semester 4, arranged a cultural programme comprising of vocals, dance recitals and recitations on Teacher's Day. Since the College was closed due to pandemic, entire programme was organized videographed, composed and edited by the students, and was shared with the department on that very day.

https://drive.google.com/file/d/11tG393mvlkNaxw7XaCB6gJkdcomlAu_0/view?usp=drivesdk



5) Teachers' Day Celebration by Department of Philosophy on 05.09.2020

Even when the entire Globe was petrified by the onslaught of a deadly virus, our students did not forget to pay tribute to their teachers no sooner than they got an opportunity. Though they couldn't make it a face to face event, they made it virtual. We were overwhelmed.

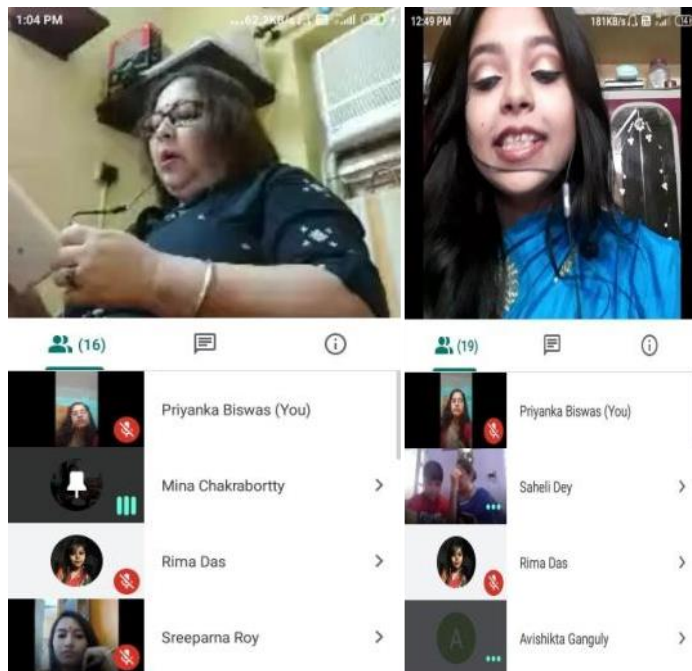
On fifth of September, 2020, it was a complete lockdown. We were taking classes virtually. They informed us a day before. Requested us to grace their programme with our presence. We couldn't but respond.

Girls took part in various performances. They sang, recite, even danced. Some of them took chance of uttering their hearts.

Before closing the ceremony they requested us to perform whatever we can. Some of us took the scope to recite Tagore's poem. All of us blessed them in abundance.

The ceremony ended with a note of harmony and strong bondages that lie in the teacher-student relationship.

Few glimpses of the event:

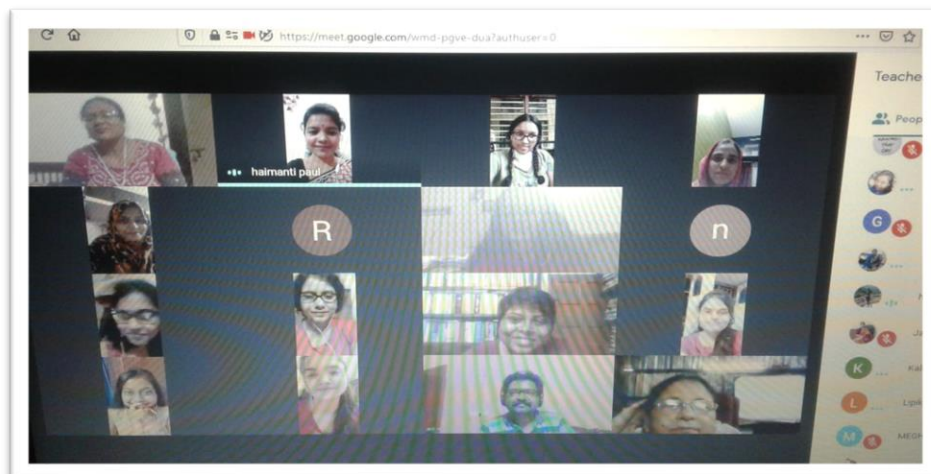
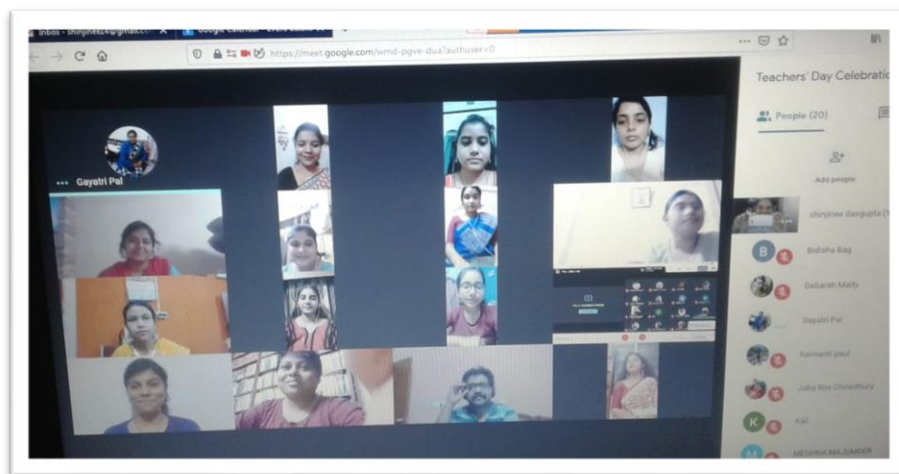


6) Report on Teachers' Day Celebration on 05.09.2020

by the present students and alumni of Dept. of Physics

In the current pandemic situation, the Teachers Day program was celebrated virtually through google meet. The program was held on 5th September 2020 at 7:30 p.m. Around 30 students, both present and past, of the department of physics attended the event. They made a beautiful card for this event to express their feelings. Many of them spoke on this occasion about the teachers, how they enjoyed the cordial ambience of the department as a whole and thus revived the nostalgic memories of those good old days. They participated in singing, dancing and reciting. They also have shared some anecdotes of their own college life which indeed motivated the present students and added a personal touch to the entire program. Alumni of this department had shared their experiences of the higher education institutions they were in. The teachers appreciated the students for their participation and efforts

Meeting link :<https://meet.google.com/wmd-pgve-dua>



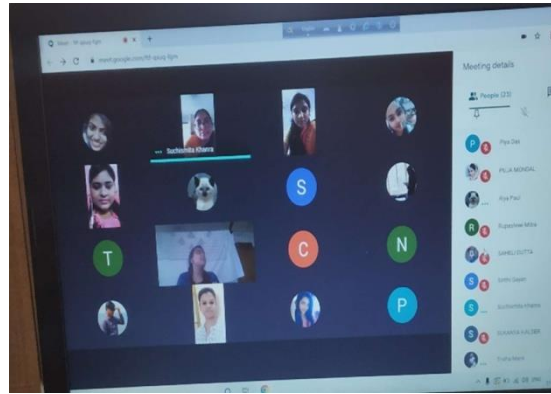
7) Teachers' Day Celebration (online) by students

Department of Sanskrit

Date: 11.09.2020

On 11th September, 2020, a cultural programme was organized by the students of the Department of Sanskrit to celebrate the occasion of Teachers' Day(5th Sept.).

As the pandemic situation was going on students organized the programme through Google meet video platform. Students prepared an e-card to invite teachers and performed Sanskrit mantras, songs, dances and recitation. Two teachers of the department also delivered speech to encourage the students.

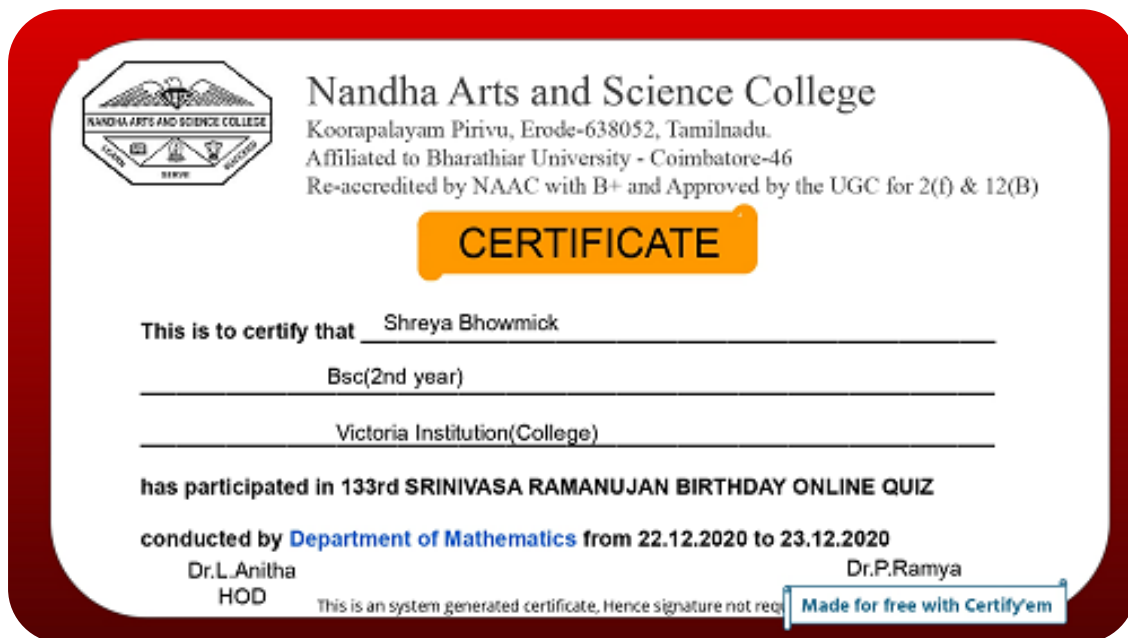


8) Student's Participation in Srinivasa Ramanujan Birthday Online Quiz

22.12.2020-23.12.2020

Dept. of Mathematics

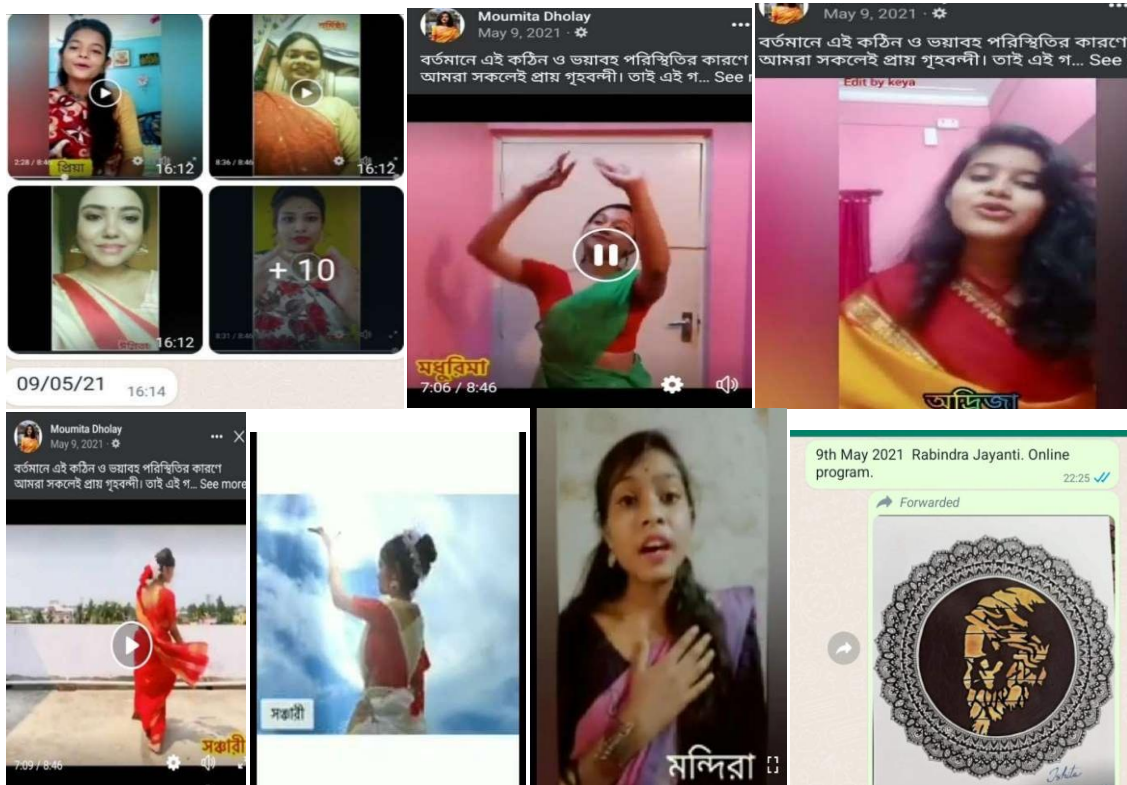
Semester 3 Mathematics Honours student, Shreya Bhowmick participated in “133rd Srinivasa Ramanujan Birthday Online Quiz” conducted by Department of Mathematics, Nandha Arts and Science College, Tamilnadu from 22.12.2020 to 23.12.2020 and obtained certificate for the same.



9) Rabindra Jayanti Celebration (09.05.2021) by the Dept. of Bengali

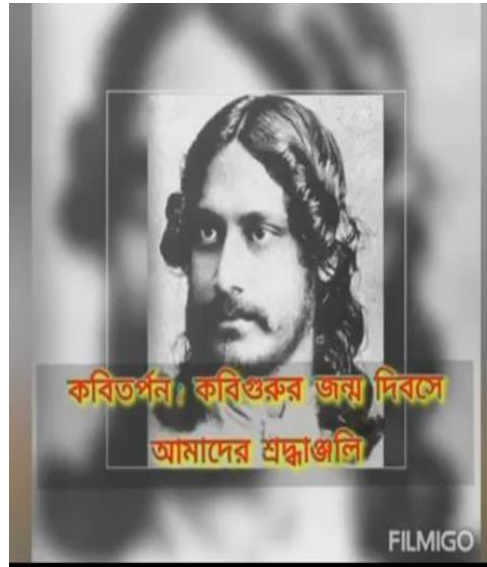
Cultural activities always bring a whiff of fresh air in Students' life. We are Proud that the students of Bengali Department sometimes organize programs and events on their own.

Rabindra Jayanti Celebration (09.05.2021), celebrated by the present and the outgoing students.



**10) Birthday celebration of Rabindranath Tagore on
09.05.2021, Dept. of History**

Students of 2nd semester arranged a cultural programme on the occasion of Rabindranath Tagore's birthday on 09/05/2021. This programme showcased works of Tagore through various performances by the students. The College was closed due to pandemic, so the entire programme was videographed, composed and edited by the students, and shared with the department.



<https://drive.google.com/file/d/1kf61kabY2SSPEJS09IZHrQrzNNv3AZK9/view?usp=drivesdk>

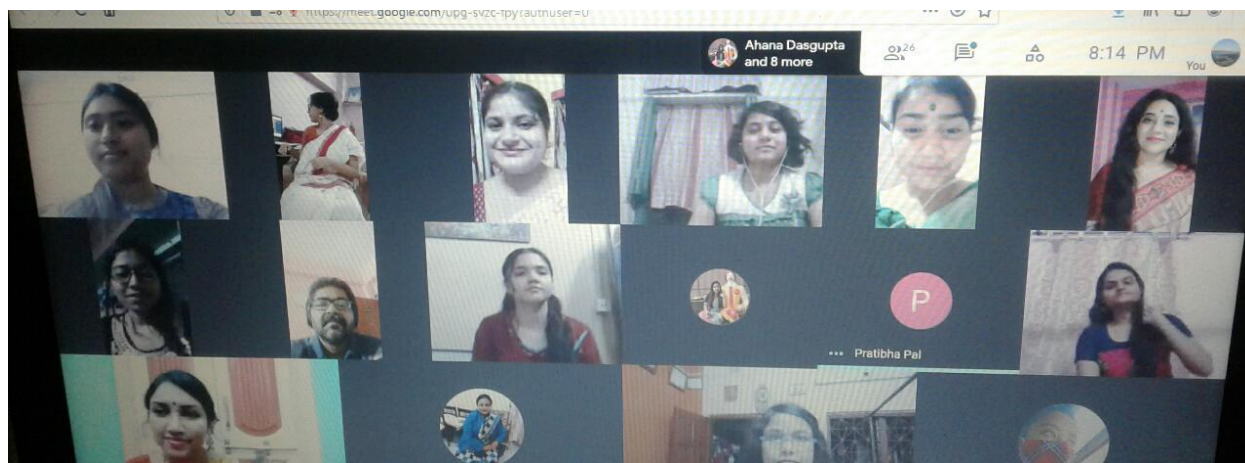


11) Report on Celebration of Rabindra-Jayanti on 09.05.2021

by the students of Dept. of Physics

Birthday of the first Nobel Laureate of India, Rabindranath Tagore was celebrated by the students of Dept. of Physics on 9th May, 2021 from 6:30PM. This pandemic situation has forced them to observe this important day in virtual mode only. But it also opened the possibility for the alumni of our department to actively participate in this event. 22 students, both present and past, participated in singing, dancing and reciting. Their enthusiastic cultural performance made this event a memorable one. Despite of all network problems they have filled our mind with a one and half hourlong program to pay homage to the great poet.

Video call link: <https://meet.google.com/upg-svzc-fpy>



12) World Environment Day Observation on 05.06.2021,
Dept. of Zoology

The students of Sem 2, 4 and 6 (Hons), Zoology Department, Victoria Institution (College), have observed WORLD ENVIRONMENT DAY,2021 on 5th June by undertaking a plantation programme.



13) Celebration of World Environment Day on 29.06.2021, **Dept. of Economics**

The department of Economics, Victoria Institution (College) arranged for an online program to celebrate the World Environment Day.

The program was held on 29th of June, 2021 and all the students of Economics honours were participated in the program.

The program was presided over by Principal Madam Dr. Nibedita Chakrabarti. She discussed about the need for eco friendly living space and healthy environment. A small talk was delivered by HOD Dr. Chitrita Bhowmick regarding the importance of sustainable environment and conservation of environment as a whole.

The interesting part was the online presentation of the participants on various topics related to environment.

Some of them may be mentioned as biodiversity conservation, deforestation, recycling at micro level, solar energy, electronic waste management etc.

The presentations were very interesting, well-prepared and attractive.

The whole program was enjoyed by the faculty members of the department and it was an enriching experience for all the participants. The session ended with the vote of thanks raised by Sm Dipanwita Mukherjee.

