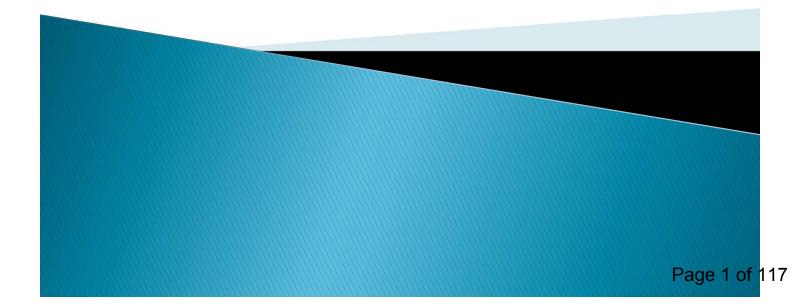
<b>Reports of the events</b>	
(Academic Year )	Page No.
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# Victoria Institution (College)

## 78-B, Acharya Prafulla Chandra Road, Kolkata-700009

# Workshop / Seminar / Conference 2022-2023



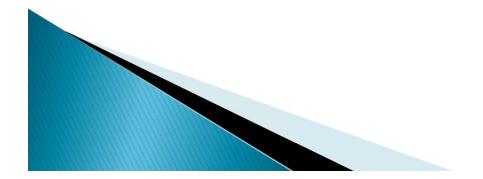
### Webinar on Career Prospects for English Honours Graduates on 25.07.2022

The Webinar was organised by the Dept. of English, in collaboration with the Career Counselling Cell, VIC mainly to guide the final year outgoing batch regarding their future career prospects in fields other than the academia. The main thrust was on areas like Journalism, Advertising, Content Writing, Public Relations among others.





The Resource persons invited to address the students and cater to their varied queries were both experienced professionals - Ms. Soma Basu. Investigative Journalist and Research Scholar, Tampere University, Finland; and Ms. Manisha Dutta, from TCS, Kolkata. The students from the outgoing batch participated in the webinar with great enthusiasm and placed their many queries, and were benefitted as well from the discussion and candid interaction with such professionals.



#### Four Days' Workshop & Hands-On Training on Medical Diagnosis from 14th to 19th September, 2022

A Four Days' Workshop & Hands-On Training on Medical Diagnosis was Organised by Zoology Department, VIC in Collaboration with Doyen Diagnostic & Research Foundation, Kolkata from 14th to 19th September, 2022.

Zoology is a multidimensional subject. It encompasses a diverse field, starting from classical study of animals to modern technology. This extensive area of the subject has provided the students to grab ample scopes of career.





The CU syllabus of Zoology has tried to cover all possible aspects including Medical Diagnosis. Keeping it in focus, Department of Zoology, VIC, has tried to open up an avenue for students to get a glimpse of clinical diagnosis, so that they can follow this up, for their career in future.

51 students got acquired with modern laboratory techniques in Doyen Diagnostic & Research foundation, Kolkata. This programme was coordinated by Dr. Sumallya Karmakar & Suchona Chakraborty.

#### <u>One Day Seminar titled "Undergraduate Physics Teaching"</u> <u>on 26.09.2022</u>

**Calcutta Institute of Theoretical Physics** in collaboration with Dept. of Physics and IQAC, VIC have organised an One **Day Seminar on "Undergraduate Physics** Teaching " 26<sup>th</sup> Sep, 2022. The on objective of the seminar was to give an exposure to the faculty members on techniques to embed the research methodologies used in the contemporary fields of Fibre & Nonlinear optics and Nano materials in their teaching of Discipline Specific Elective (DSE) papers of Physics Honours curriculum of University of Calcutta. As one of the idea of incorporating the DSE papers in the curriculum was to enthuse students to take up research in these areas of importance, so this seminar was not only beneficial for the faculties but also for the students.





There were two technical session, resource person of the first session was Prof. Udit Kumar Chatterjee of Department of Physics, Burdwan University. He delivered an intensive lecture on Fibre and Nonlinear Prof. Debnarayan Jana optics. of Department of Physics, University of Calcutta was the resource person of the second technical session who delivered an interesting talk on Nano Materials: Applications & Properties. Both topic are based on the Discipline Specific Elective papers of Physics Honours curriculum. This seminar was not only beneficial for the faculties but also for the students.



One Day Seminar on



	Pro	gram schedule		
12.00 Nooi	n Welcome Address:	Dr. Susil Kumar Sarkar, CITP		
		Dr. Uma Ray Srinivasan, TIC,		
		Victoria Institution (College)		
12.10 pm	Keynote Address:	Prof. J. K. Bhattacharjee, Director, CITP		
12.25 pm	Vote of Thanks:	Dr. Dipanwita Pal Ghosh , Coordinator,		
		IQAC, Victoria Institution (College)		
12.30 pm	Topic : FIBER AND NON LINEAR OPTICS			
		Prof. Udit Kumar Chatterjee		
	Г	Department of Physics, B.U.		
01.45 pm	TEABREAK			
02.15 pm	Topie : NANO MATERIALS: APPLICATIOS & PROPERTIES			
	Speaker : F	Prof. Debnarayan Jana		
		Department of Physics, C.U.		
	* Interactive set	ssion for 15 minutes after each talk.		
	Org	anizing Committee		
Prof.	Jayanta Kumar Bhat	tacharjee, Director, CITP		
Dr. Ui	na Ray Srinivasan, T	IC, Victoria Institution (College)		
		Coordinator, IQAC, Victoria Institution (College)		
Dr. Sh	injinee Das Gupta, J	t. Convener, HOD, Physics, VIC		

Dr. Dipanwita Pal Ghosh, Coordinator, IQAC, Victoria Institution (College) Dr. Shinjinee Das Gupta, Jt. Convener, HOD, Physics, VIC Dr. Susil Kumar Sarkar, Jt. Convener, CITP Dr. Mrinal Kanti Chakraborti, CITP Dr. Partha Sarathi Majumdar, CITP Prof. Dulal Chandra Sanyal, CITP Prof. Dulal Chandra Sanyal, CITP Prof. Indrani Bose, CITP Prof. Indrani Bose, CITP Prof. Mridula Kanoria, CITP Dr. Gayatri Pal, Dept. of Physics, VIC Dr. Subhendu Chandra, Dept. of Physics, VIC Ms. Kathahali Biswas, Dept. of Physics, VIC

Smt. Swarnalekha Bandyopadhyay, Dept. of Physics, VIC Sri. Tapan Poddar, Dept. of Physics, VIC

#### <u>International Seminar titled</u> "From the Atomic nucleus to the Stars" on 09.11.2022

Understanding the science behind atomic nucleus to the stars needs an interdisciplinary knowledge. Thus, this seminar was organised aiming to satisfy the inquisitive minds of our students of B.Sc. Honors in Physics, Mathematics and Chemistry and give them an exposure to the contemporary technologies and research methodologies used in this area.

This event was organised by Dept. of Physics in collaboration with IQAC, VIC and held on 09.11.2022 from 2:30PM at the Suniti Sabhaghar of Victoria Institution (College). Moreover, this seminar have facilitated our students to interact with a world-renowned physicist, the resource Prof. Umesh Garg, Professor. person, Department of Physics & Astronomy, University of Notre Dame, USA. He is also an US Fulbright-Nehru Senior Scholar at UGC-DAE-CSR, KC.





Total 35 students from the Department of Physics, Mathematics and Chemistry have actively participated in the event. Another renowned person Dr. Sandeep Sitaram Ghugre Centre-Director of UGC-DAE Consortium of Scientific Research, Kolkata Center also joined the event.

The speaker Prof. Umesh Garg gave a wonderful talk on analysis of the data acquired by advanced instruments to unveil the mystery of the birth of the Universe and how different elements of earth were created. He also explained about the production of artificial elements. This lecture have inspired the students very much and make them interested in certain aspects of physics and chemistry. At the end of the lecture the students and the speaker have an intense interactive session where the students got the answers of their curiosities that arose in them due to the talk.

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#### Victoria Institution (College), 78-B, Acharya Prafulla Chandra Road, Kolkata-700009







#### Extension Lecture Series 16.11.2022 and 14.12.2022

The Department of Economics organised a two-day extension lecture series on 'Indian Economy' for the students of the Department. Dr. Susmita Banerjee, Associate Professor. Charuchandra College, Kolkata, delivered the lecture on 16<sup>th</sup> November and 14<sup>th</sup> December 2022. The lecture series was specially designed for the 5<sup>th</sup> Semester, Economics (Hons) students though the students of 3rd Semester (Hons) also joined it.





The speaker explained the intricacies of Indian Economy with reference to Indian Five- Year Plans and Sectoral Reforms during Economic Liberalisation in India to the students in her lecture spanning over two days. The students have been greatly benefitted from the lecture as 'Indian Economy' is a part of their curriculum.



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#### Victoria Institution (College), 78-B, Acharya Prafulla Chandra Road, Kolkata-700009

#### <u>2<sup>nd</sup> lecture of the talk series</u> <u>PANDEMIC: IMPACTS ON WOMEN</u> <u>On 18.11.2022</u>

The Morning Section of Victoria Institution (College) in collaboration with IQAC arranged the 2nd lecture of the talk series PANDEMIC: IMPACTS ON WOMEN focusing on economic context. The program was organised on 18th November, 2022 (Friday) at Keshub Memorial Hall, 11 A.M. onwards.





Convenor of the Program was Mr. Saroj Das from Dept. of English. In presence of TIC Dr. Uma Ray Srinivasan, the program was initiated by Dr Paramita Roy Biswas from Dept of Economics. The speaker of the session was Dr. Srobonti Chattopadhyay from Department of Economics, Rabindra Bharati University. Her lecture was on 'Impact of Pandemic on Women: India and The World'. The presentation was interesting covering direct and indirect impacts of COVID 19 on mankind, focussing the effects of pandemic on Indian women and worldwide. 150 students and faculty members attended the session.



Victoria Institution (College), Morning Section in collaboration with IQAC presents

### Talk Series on PANDEMIC: Impact on Women

## (Series 2: Economic Context)

Date: 18<sup>th</sup> November, 2022

Time: 11 a.m.

Speaker DR. SROBONTI CHATTOPADHYAY Assistant Professor, Department of Economics, Rabindra Bharati University

Chief Patron

DR. UMA RAY SRINIVASAN Teacher – in – Charge DR. DIPANWITA PAUL GHOSH IQAC Coordinator

Convenor SAROJ DAS Assistant Professor, Department of English

Venue: Keshub Memorial Hall



#### <u>International Webinar on "How Machine can</u> <u>Learn Physics using python as tool"</u> <u>on 03.12.2022</u>

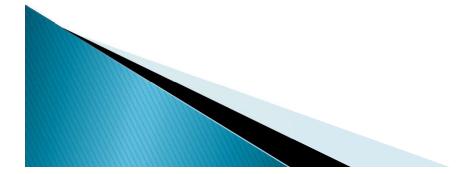
An International Webinar on "How Machine can Learn Physics using python as tool" organised by the Department of Physics in Collaboration with IQAC on 03.12.2022

In today's era, Machine learning, AI with deep learning have become an important field in everyday science. Python has become an easy language of coding therefore very useful in this field. The goal of this Webinar was to give a basic idea about Machine Learning, AI and Deep Learning and to understand the application of this research methodology to real life problems as well as some physics related problems.

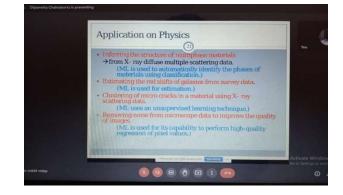




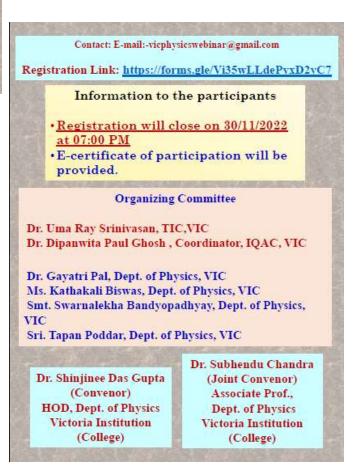
The webinar was conducted on 03.12.2022 from 6:30 PM to 8:30 PM. About 40 participants have joined this webinar including 15 students from our department. Dr Dipanwita Chakraborty Bhattacharya, Assistant Professor & HOD, Department of Computer Science, Bethune College, was the resource person of the program. Currently, she is also a Scholar Scientist, Florida State University, Tallahassee, Florida, USA.



International Webinar On How Machine can Learn Physics using Python as a tool Organized by the Department of Physics in collaboration with IQAC Victoria Institution (College) 78 B, A P C Road, Kolkata-700009 Date: 03rd December, 2022 Time: 6:30 PM to 8:30 PM(IST) **Resource Person** Dipanwita Chakraborty Bhattacharya Assistant Professor & H.O.D Department of Computer Science Bethune College **Present Position:** Scholar Scientist, Florida State University, Tallahassee, Florida, USA Today, Machine Learning, AI with Deep Learning are the technologies those are almost everywhere in Science. Python is the most popular tool in this regard which reduces a huge complexity of coding, especially in this field. The goal of this webinar is to give a basic idea on Machine Learning, AI and Deep learning and how it can be applied in real life problems as well as Physics related problems following some case studies. Besides the theoretical discussion, a practical idea of machine learning algorithms through some hands-on coding in Python to understand the steps and how they are implemented, will be delivered. In a broader aspect the motivation is to encourage all the science students in coding and automating their system, and in addition drag their attention towards applying Machine Learning and AI in their future research.



The speaker, through her talk gave us a basic idea about Artificial learning, Machine learning and Deep Learning. She also gave us some examples from different areas of Physics that require machine learning. She also showed us some handson example on solving a problem related to Machine Learning using Logistic Regression. Another example was demonstrated on Unsupervised Learning using Clustering with the help of Python coding language. Python language is chosen as it is very useful because of its various packages and inbuilt modules. The talk was very enlightening and has inspired many participants.



#### Extension Lecture on 6.12.2022 & 8.12.2022

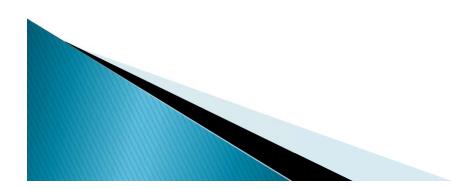
To adapt to the advancements introduced by the newly designed Choice Based Credit System (CBCS) syllabus, particularly in the realm of computer programming, the **Department of** Mathematics took proactive measures. They meticulously organised a series of Extension Lectures, scheduled on the 6th and 8th of December, 2022, conducted by Mr. Ujjal Dhabal. As a distinguished Senior Research Fellow from Jadavpur University's Department of Mathematics, Mr. Dhabal brought with him a wealth of expertise and experience. His lectures were meticulously crafted to cater specifically to the needs of Semester III students, offering them invaluable insights and practical guidance. The turnout was impressive, with eager participation from all Semester III students, who actively engaged in the program, enhancing their understanding and proficiency in the subject matter.



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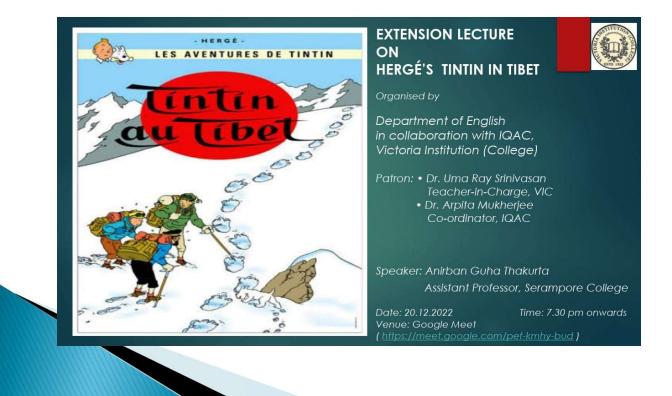


#### Extension Lecture on Tintin in Tibet on 20.12.2022

An Extension Lecture in the virtual mode, was organised by the Department of English in collaboration with IQAC on 20.12.2022, from7.30 pm. Anirban Guha Thakurta, Assistant Professor(Dept. of English) of Serampore College was the resource person, who delivered a talk on Tintin in Tibet : Friendship, Adventure, Orient, Comic book Heroism and the Politics of Visualisation.

Around 55 students of 3<sup>rd</sup> and 1<sup>st</sup> Semester had attended the Extension Lecture,and were greatly enriched by the riveting discussion on Hergéand his creation. The speaker had tried to cover some really interesting aspects of the Tintin Comics with an equally informative PowerPoint presentation within the limited time. The event's success was reflected in the interactive session





#### First lecture of the Lectures Periodical on 20.12.2022

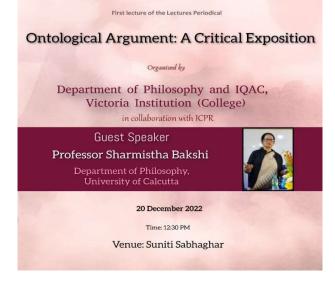
The very first lecture of the Lectures Periodical, delivered by Professor Sharmistha Bakshi of the University of Calcutta, Department of Philosophy; in collaboration with Indian Council of Philosophical Research, organised by the Department of Philosophy and IQAC, Victoria Institution College. The venue was Suniti Sabhaghar, the time was 12:30 pm to 02:00 pm., on 20/12/2022, Tuesday.

## The topic was: Ontological Argument: A Critical Exposition.

Ontological Argument is an argument that proceeds from the idea of God to the reality of God. It was first clearly formulated by St. Anselm in his Proslogian, a later famous version is given by Rene Descartes.







Anselm began with the concept of God as that than which nothing greater could be conceived. To think of such a being as existing only in thought and not also in reality involves a conversation, since a being that lacks real existence is not a being than which none greater can be conceived. A yet greater being would be one with the further attribute of existence. Thus the unsurpassably perfect being must exist; otherwise it would not be unsurpassably perfect. This is among the most discussed and contested arguments in the history of thought.

Our Speaker's delivery was mesmerizing. Her study is in - depth, and that was reflected in her speech. The auditorium was full with our students, and they were engrossed in the lecture. At the end of the lecture there was an interactive question answer session like an icing on the cake.

#### <u>Talk Series On Impact Of Covid 19</u> <u>On Woman: The Final Lecture</u> <u>on 10.01.2023</u>

The Morning Section of the Victoria Institution (College) arranged for the last and final lecture of their Pandemic Talk Series on January 10, 2023 that highlighted the Psychological Impact of COVID 19 on Women.

The eminent speaker was Prof. Sujata Chatterjee, Associate Professor, Department of Psychology, Bijoy Krishna Girls College, Howrah.

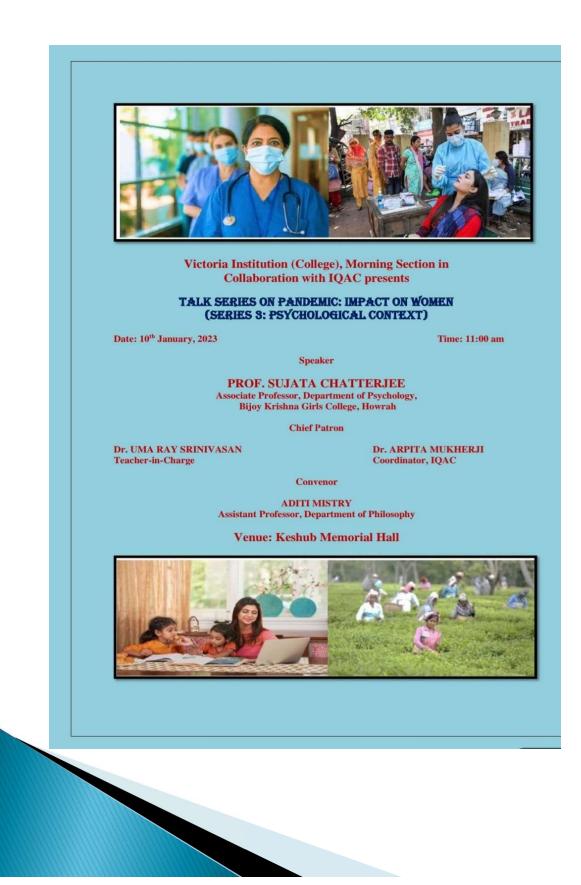




The topic was: "Women's History – The Impact of Pandemic: Psychological Context". The session was graced by the presence of Teacher-in-charge Dr. Uma Ray Srinivasan and IQAC Coordinator Dr. Arpita Mukherji.

60 students participated in this session. The students of different departments and members of different faculties enjoyed the lecture thoroughly. The session ended with an interesting interactive session.





#### <u>Second lecture of the Lectures Periodical</u> on 23.02.2023

Lecture no. 2 of the lecture series delivered by Professor Preetam Ghoshal of Jadavpur University, Department of Philosophy, in collaboration with Indian Council **Philosophical** of Research, organised by the Department of Philosophy and IQAC, Victoria **Institution College.** 

The topic was "Tattva- Nirnayer Paddhati rupe Nyaya-- Ekti Samiksha." The venue was Suniti Sabhaghar, and the time was 12 noon to 2pm.

The Nyaya Darsana is one of the six orthodox Hindu Schools of Philosophy. It is highlighted as essentially being a school of logical thought, debate and reasoning. The word ' Nyaya' itself may be translated as ' right' or ' justice' and therefore it's practice, Nyaya - Sastra translates as " The science of right judgment".







categories ( padarinas) which are mean to represent all that can and does exist. These sixteen categories are pramana. Prameya, samasya, prayojana, drstanta, siddhanta, avayava, tarka, nirnaya, vada, Jalpa, bitanda. hetvabhasa. chal. jati, nigrahasthana. This extensive list has, however, been reduced by subsequent commentators on the Nyaya- Sutras to only include the first two categories, pramana and prameya; as pramana pertains to the observer while prameya pertains to that which is observed. Therefore, the investigation of pramana and prameya forms the foundation of the classical Nyaya Darsana.

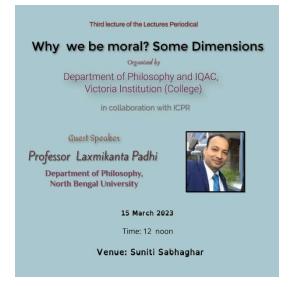
Professor Ghoshal gave a lucid account of the otherwise difficult topic. The students were very much attentive and listened carefully to his deliberation which was evident in the subsequent interactive question and answer session.

#### <u>Third lecture of the Lectures Periodical</u> <u>on 15.03.2023</u>

Lecture no. 3 of the lecture series delivered by Professor Laxmikanta Padhi of North Bengal University, Department of Philosophy, in collaboration with Indian Council of Philosophical Research, organised by the Department of Philosophy and IQAC, Victoria Institution College. The topic was "Why we be moral? Some Dimensions ". The venue was Suniti Sabhaghar. Time was 12 noon to 2 pm.

Due to some unavoidable circumstances, Professor Padhi could not join us in person, so we had to arrange for a Google Meet. We all gathered in the auditorium, joined in the platform through a common link and took recourse to the headphones to listen to his voice. He appeared in life size in the giant screen of the projector through a computer. It was a unique webinar in all respect.





Justifying why one should behave morally is a surprisingly difficult task. Proposed justifications are found throughout the history of moral Philosophy, but these reasons to be moral remain controversial. The fundamental question -- " Why be moral?" -- still seems in need of a satisfactory answer.

The question can take other forms. Why should I care about morality? Why do moral considerations have normative force? Why are the demands of morality obligatory? However, no matter how it is phrased, it always addresses the foundation of morality -- Why we believe moral considerations should influence how we ought to act. As the demands of morality become more burdensome the question becomes more relevant.

However, our resource person could do justice to the topic. He produced an extensive and thoughtful lecture. Students were highly satisfied. A question answer session followed.

#### <u>Interdisciplinary Seminar on "Two Evergreen Entities:</u> <u>The Water We Drink And The Air We Breathe"</u> <u>on 24.03.2023</u>

An Interdisciplinary Seminar on "TWO **EVERGREEN ENTITIES:THE WATER** WE DRINK AND THE AIR WE **BREATHE**" was organised in collaboration Indian Association of with **Physics** Teachers, RC 15 on 24th March 2023. The resource person of this Seminar was an eminent teacher, Dr Bhupati Chakraborty, former Professor in the Department of Physics, City College, Kolkata.

The idea of this seminar was to promote Interdisciplinary Research Methodologies through an example, i.e. highlighting the need for sustainability and conservation of the two basic requirements in our lives : Water and Air.

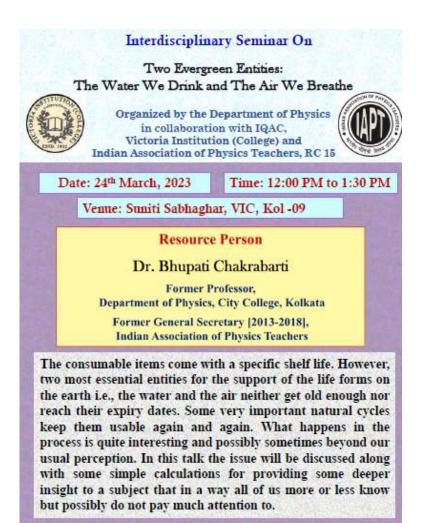




In order to fulfill the aim of the seminar it was attended by students from the Departments of Physics, Chemistry and Mathematics from our College and a few students from neighboring Colleges. Dr Chakraborty's presentation was thought provoking and was well appreciated by the students. It was followed by a short discussion session regarding the emerging trends of interdisciplinary research.

IQAC coordinator of our College and several dignitaries of IAPT , RC 15 graced the occasion.

Total no of participants (students): 33





#### Fourth lecture of the Lectures Periodical on 31.03.2023

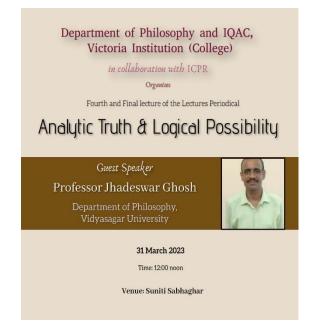
Lecture no. 4 and the concluding session of our ICPR sponsored lecture series was delivered by Professor Jhadeswar Ghosh, Department of Philosophy, Vidya Sagar University, on 31/03/2023, at 12 noon. The venue was Suniti Sabhaghar.

The subject was "Analytic Truth & Logical Possibility."

In one way or other notions of logical or Analytic Truth have played an important role in logic, and hence in philosophy.

Since the time of Aristotle an Analytic Truth is usually described as a statement true in virtue of logic or true in virtue of the meanings of the terms occurring in it. A synthetic Truth is then described as one which depends for its Truth fundamentally upon matters of fact. Another way of stating this is that Analytic Truths are true in " all possible world". (Leibnitz).





Possibility, in logic and metaphysics, implies the absence of contradiction. Possible things or sates of affairs are simply those whose conception involves no contradiction. To determine the empirical Possibility of a thing, it must be ascertained whether the nature of a thing in question conforms to the conditions of actual experience. Some philosophers hold that the actual world together with the infinite number of possible but nonactual words constitutes the realm of " possible worlds".

The were serious and attentive. A question answer session followed.



## Extension lecture on 05.04.2023

Department of History organised an extension lecture along with IQAC on 05/04/2023 at Suniti Sabhaghar as part of department's yearlong activities. The speaker was Dr. Karabi Mitra, Associate Professor in History at Howrah Girls' College. She is a former student of this college. Her topic of discussion was "Ouponibeshik Bharotey nari andoloner bivinnodik", means Different Facets of Women Movement in Colonial India.

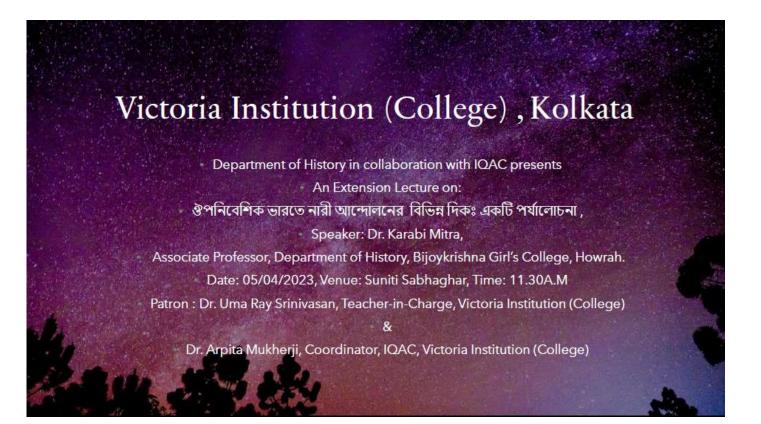




The programme was inaugurated by our teacher-in-Charge Dr. Uma Ray Srinivasan. Our student Sreyashi Ghosh conducted the entire programme. The speaker was felicitated with small gifts and flowers. It was an engaging lecture. Students enthusiastically participated in the discussion. A total of 52 students of 4<sup>th</sup> and 6<sup>th</sup> semester participated. Our final year student Sudhriti Roy gave a vote of thanks.

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#### Victoria Institution (College), 78-B, Acharya Prafulla Chandra Road, Kolkata-700009









## Extension lecture on 15.05.2023

The Department of Economics in collaboration with IQAC arranged for an extension lecture on 15.05.2023 at Suniti Sabhaghar.

The topic was "Rethinking Urban Policy and Practice in India: Triggers and Roadmaps". The insightful lecture of Prof. Soumyadip Chattopadhyay of Visva-Bharati University enriched the audience. Students along with the faculty members of different streams enjoyed the session. The Department is grateful to the TIC Dr. Uma Ray Srinivasan for her constant encouragement & support and the Department also extends sincere thanks to IQAC coordinator Dr. Sumallya Karmakar for his cooperation.

Number of students participated: 18





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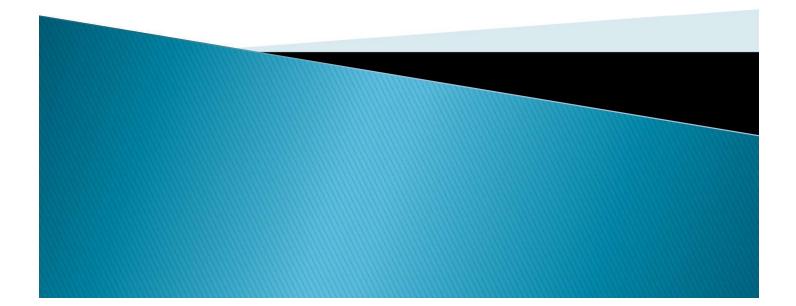
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# Victoria Institution (College)

## 78-B, Acharya Prafulla Chandra Road, Kolkata-700009

# Workshop / Seminar / Conference 2021–2022



#### National Webinar to Celebrate Doctors' Day Oon 01.07.2021

Doctors are an essential component of the society that we live in. They were the main supporting force who worked at the frontline during the COVID-19 pandemic. On the 1st of July, 2021, Victoria Institution (College) along with ISCA Kolkata chapter, jointly organized a national webinar to commemorate the Doctors' Day. The programme was a success and it was attended by 205 candidates.



#### National Webinar on Career Advancement for Physics Undergraduate students On 4<sup>th</sup> July 2021

The dilemma of students in the final year of their Undergraduate course in Physics is – "Whether to continue studying Physics in the next level or choose a different career option"

Keeping this in mind we decided to organise a *National Webinar on Career Advancement for Physics Undergraduate students on 4<sup>th</sup> July* 2021. The aim of this Webinar was to give an exposure to the Undergraduate students in different opportunities apart from opting for M.Sc in Physics.

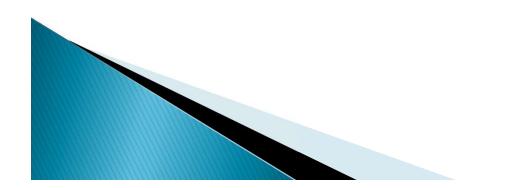
The webinar comprised of two sessions. Ms. Saumali Dutta. State RF Optimisation Manager. Reliance Jio Infocom Limited was the resource person for the first session. She gave a **CELLULAR** presentation on **COMMUNICATION - An evolving** technology and its career prospects. Her lecture gave the student participants glimpses into the world of Cellular Communication and career opportunities there and we hope that at least some of our students will consider taking up a career in this field.



The resource person for the second session was Dr. Sajal Ghosh, Associate Professor , Management Development Institute, Gurgaon. His presentation was entitled 'The road ahead for undergraduate Physics students : An Interactive session'. Dr. Ghosh shared his personal experience about opting for a career in a different field and guided the participants about choosing a career in the different domains like economics, data science, finance management which require a sound knowledge of Physics. The presentation was very informative and the interactive session that followed was extremely interesting .

The Webinar was well attended by approximately 50 participants who are UG students from different Colleges, Universities and Institutions throughout India.

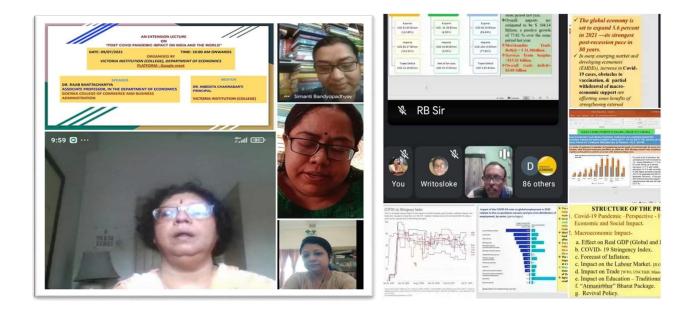


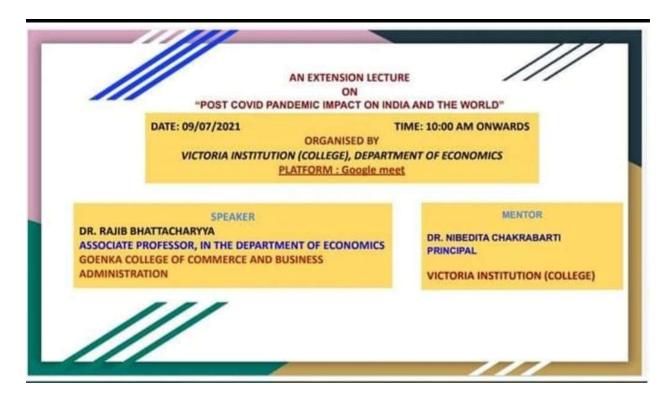


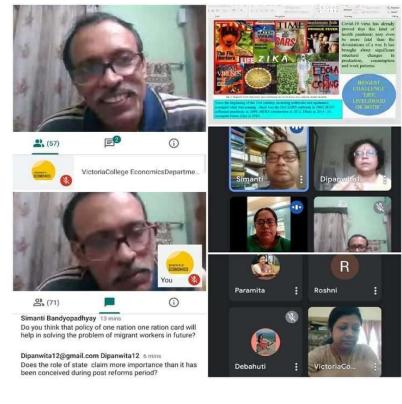
#### <u>Webinar titled "Post Covid Pandemic</u> <u>Impact on India and The World"</u> <u>on 09.07.2021</u>

The Department of Economics, Victoria Institution (College) organised an online talk on " The Post Covid Pandemic Impact on India and the World" on 9th July 2021.

Dr. Rajib Bhattacharya, Associate Professor of Economics of Goenka College of Commerce and Business Administration was the speaker. The Covid- 19 pandemic has devastated the human life, economy and society throughout the world post March 2020. It had a grave impact on the world economy. The economic activities worldwide came to a standstill. Indian economy suffered a severe blow due to Covid 19 pandemic and the ensuing lockdown. These facts have been highlighted by the speaker in his talk. He has also discussed the roads to recovery. The faculty members of the college and 95 students across disciplines joined the online talk. The faculty members and the students got enriched from the informative presentation. The talk was followed by an interactive session.







#### National Level webinar on "Morality and Values Embedded in Indian Culture" on 16.07.2021-17.07.2021

Department of Philosophy organized a National Level webinar on "Morality and Values Embedded in Indian Culture" on 16<sup>th</sup> and 17<sup>th</sup> July, 2021, in order to commemorate the Indian Philosophers' Day. The Webinar was sponsored by ICPR.

The lecture Series was held during the grave hour of pandemic. The aim of the conference was to gain moral insight regarding the adversities facing humanity from the prudent scholars and mentor.

The resource persons were from every corner of our Nation. The list is as follows:

• Professor D.N. Tiwari, Former HoD, Department of Philosophy and Religion, Banaras Hindu University. •Professor Bala Gasnapathi Devarakonda, HoD, Department of Philosophy, Delhi University.

•Dr. Laxmikant Padhi, HoD, Department of Philosophy, University of North Bengal.

•Professor Raghunath Ghosh, Senior Fellow, ICPR, New Delhi.

Professor Sarat Panigrahi, Former Professor and HoD, Department of Philosophy, Utkal University, Bhubeneshwar.

Dr. Pralayankar Bhattacharyya, Associate Professor, Department of Philosophy, University of Calcutta.

Inaugural address was given by honourable Principal of Victoria Institution (College), Dr. Nibedita Chakrabarti. It was a truly contemplative and reflective session. Our experience is very much encouraging and hence we are motivated to arrange such programmes in future.



## National Level webinar on <u>"Morality and Values</u> <u>Embedded in Indian Culture"</u> on 16.07.2021-17.07.2021

Prof. Bala Ganapathi Devarakonda HOD, Dept. of Philosophy, Dure fo Delhi University Title of Presentation:: "Ethics, Health and Pandemic"			Resource Person Prof. Sarat Panigrahi Former Prof. and HOD, P.G. Dept. of Philosophy, Utkal University, Bhubaneswar	
10			Dept. of Phile University of Title of Presentation:: "Free Throw of the Dice: An Exposit	Calcutta Will, Morality and the tion after Mahabharata"
Convenor: Dr. Saheli Basu Dey Associate Professor, Dept. of Philosophy Joint-Convenor: Smt. Mina Chakraborty Associate Prof., HOD, Dept. of Philosophy	:Program Schedule: • Welcome Address by Smt. Mina Chakraborti. 16 <sup>th</sup> July, 4:00 pm. • Inaugural Address by Hon'ble Principal, Victoria Institution (College). 16 <sup>th</sup> July, 4:05pm. • Introductory Speech by Dr. Kasturi Majumdar. 17 <sup>th</sup> July, 4:00 pm. Technical session		Organizing Committee: • Dr. Kasturi Majumder Associate Professor, Dept. of Philosophy • Smt. Aditi Mistri Asst. Professor, Dept. of Philosophy	
	Day	Time	Speaker	
For any information: E-mail id: vicphilo1932@gmail.com Contact: 8584083455/9830148380	Day 1 (16.07.21)	4:15 pm -5:00 pm 5:00 pm -5:45 pm	Prof. D.N. Tiwari Prof. Bala Ganapathi Devarakonda	<ul> <li>Smt. Indrani Mukherjee Asst. Professor, Dept. of Philosophy</li> <li>Sri Arindam Malakar SACT, Dept. of Philosophy</li> </ul>
		5:45 pm -6:25 pm	Dr. Laxmikanta Padhi	
	Day 2 (17.07.21)	4:15 pm -5:00 pm	Prof. Raghunath Ghosh	
		5:00 pm -5:45 pm 5:45 pm -6:25 pm	Prof. Sarat Panigrahi Dr. Pralayankar	
AT REAS	<ul> <li>Concluding remarks for the day by Smt. Indrani Mukherjee. 16<sup>th</sup> July, 6:25 pm.</li> <li>Vote of thanks by Dr. Saheli Basu Dey, Convener of the Program. 17<sup>th</sup> July, 6:25pm.</li> </ul>			

#### Online Workshop On Undergraduate Physics Experiments on 27<sup>th</sup>, 28<sup>th</sup> Nov & 2<sup>nd</sup> Dec, 2021

Educational system has suffered enormously during the pandemic. Practical based subjects have suffered the most as experiments can hardly be done in online mode. In order to partly compensate this loss, a three-day Online Workshop On Undergraduate Physics **Experiments** was organized by the Department of Physics, Victoria Institution (College), (VIC) in Collaboration with the Indian Association of Physics Teachers, Regional Council 15 (IAPT, RC 15). The workshop was held on 27th, 28th Nov & 2<sup>nd</sup> Dec, 2021. Resource persons delivered online talks on several experiments at the undergraduate 1st and 2nd year levels with demonstrations and videos. The experiments were so designed that the students could perform them using simple and easily accessible equipments even at their homes.

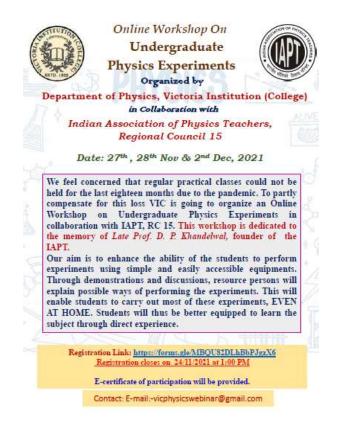
Dr. Bhupati Chakrabarti, Ex-Professor, City College, Kolkata and former General Secretary of IAPT, the resource person of the first technical session, discussed the method to determine the Young's Modulus of a long wooden ruler in the form of cantilever by observing of its free end oscillation and also verification of Newton's Law of cooling by measuring the heat loss by a glass of water using a digital thermometer. Mr. Soumen Sarkar, Assistant Teacher of Physics, Karui P.C. High School, Hooghly, WB demonstrated the measurement of the focal length of a biconvex lens, focal length of a concave lens by the method of combination using the torch of a mobile phone as a source of light. He then explained how to find the refractive index of water kept in a bucket with a

plastic ruler immersed in it.

The idea of parallax was explained with a demonstration Dr. Surajit video by Chakrabarti, **Ex-Professor**, Maharaja Manindra Chandra College. He also participants enlightened the on the measurement of the focal length of an equiconvex lens and its radius of curvature using the lens as a concave mirror without the use of a spherometer.

On second day Dr. Makhan Lal Nanda Goswami, Associate Professor of Physics, Midnapore College, Medinipur, gave a lecture on the measurement of horizontal component of earth's magnetic field and magnetic moment of a bar magnet using a magnetic needle. .Dr . Surajit Chakrabarti explained how to measure the velocity of sound by the method of resonant air column in a 250 ml semi-transparent measuring cylinder partially filled with water. He used the source of sound from the PHYPHOX app, which can be downloaded free on a smart phone. Dr. Makhan Lal Nanda Goswami then explained how the traditional potentiometric and meter bridge experiments could be easily performed from home replacing the potentiometer by a handy small 10 turn 100-ohm pot. The theoretical basis of a potentiometer was explained by Dr. Surajit Chakrabarti. . Resource person of the last session of this day, Mr. Deep Narayan Ghosh, Assistant Teacher of Physics, Vidyasagar Shishu Niketan, H.S. Medinipur spoke school. about home experiments using a thermistor.

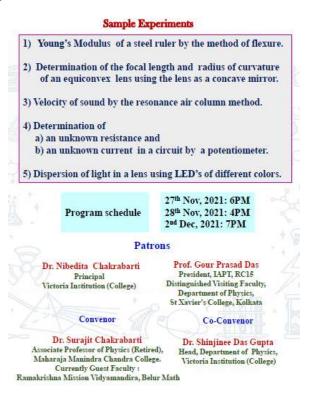




The third day started with the demonstration of Mr. Sanjoy Kumar Pal, an Assistant Teacher of Physics, Anandapur H.S. School, Paschim Medinipur on the study of charging and discharging of a capacitor through a resistor using the mobile phone charging adaptor instead of a conventional dc power source. The last presentation of the workshop was by Dr.Syed Minhaz Hossain, Associate Professor at the Department of Physics, IIEST, Shibpur. He spoke on the principle of Light Emitting Diode using band diagram: I-V characteristics and emission spectra and also a method of determining Planck's constant...

A small kit which contained lenses, measuring cylinder, bar magnets along with a magnetic needle, one digital thermometer, one multi turn pot, few resistances, capacitances etc. were provided by IAPT, RC15 to the 1st and 3rd Sem. Physics Hons. students of VIC so that they could carry out most of these experiments at home.

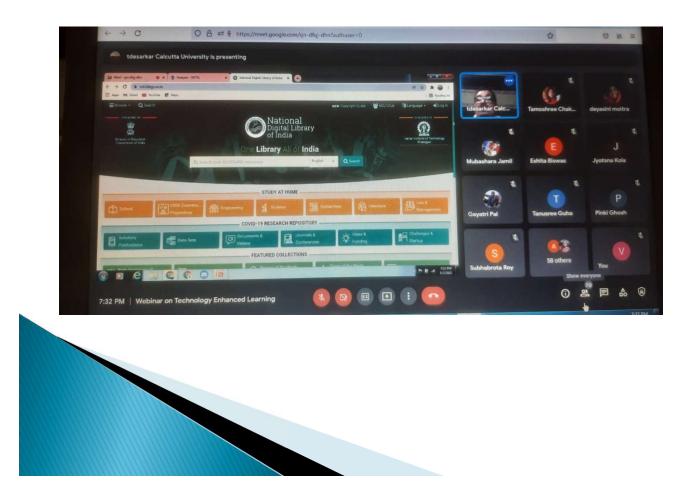
About 50 students participated in this workshop from various colleges of West Bengal as well as from other states of India. Most of them responded positively and are showing interest in carrying out the experiments at home. A post workshop discussion Whats App group has been created where the students are posting their results and communicating with the resource persons. It is very heartening to find students performing the experiments from home even after a month of the formal presentations.



#### Webinar on "Technology Enhanced Learning (TEL): an Innovative Approach" On 7<sup>th</sup> January, 2022

The Library and Department of Physics of Victoria Institution (College) jointly organized a Webinar on 7<sup>th</sup> January, 2022 entitled "Technology Enhanced Learning (TEL): an innovative approach" as part of the celebration of Students' Week.

Dr. Nibedita Chakrabarti, Principal of Victoria Institution (College) stressed on the importance of online leaning in the pandemic situation in her inaugural speech. To discuss the matter she also mentioned the pivotal role Library and Information Centre can play in the digital education. The resource person of this webinar Dr. Tanmay De Sarkar, Assistant Librarian, University of Calcutta started his speech briefly explaining what is technology enhanced learning and its implications in the He enriched pandemic situation. the discussion showing different online sources and search techniques to collect the course curriculum based resources especially for undergraduate students which would be also beneficial for faculty members. He also mentioned about SWAYAM courses and virtual laboratory. He concluded his speech that enhancement of online learning skill will also enhance the self-learning. About 90 students of Victoria Institution (College) participated in this webinar. It was appreciated by one and all.





# Webinar On "Technology Enhanced Learning (TEL): an innovative approach"

Organized jointly by the VIC Library and the Department of Physics

Victoria Institution (College)

7S B, A P C Road, Kolkata-700009

Date: 07/01/2022

Time: 7:00 PM to 8:30 PM(IST)

This webinar is conducted as a part of the celebration of Students' Week. Aim of this webinar is to promote personalized learning with the provision of the breadth of information, more engaging lessons, developing accountability, learning flexibility, recorded content, 24hour resources and connected learning by using technology properly.

#### **Resource** Person

Dr. Tanmay De Sarkar

Assistant University Librarian, and Visiting Lecturer, Department of Library and Information Science, University of Calcutta

Google meet Link: <u>https://meet.google.com/xjn-dfqj-dhn</u> Youtube Live Link: <u>https://youtu.be/9-NfFKRiyYQ</u>

First 85 participants will be admitted in the google meet, Others can join the Youtube Live.

> Dr. Ashis Biswas (Convenor) Librarian Victoria Institution (College)

Chief Patron Dr. Nibedita Chakrabarti Principal Victoria Institution (College)

**Organizing Committee** 

 Dr. Pratibha Pal (Dept. of Physics, VIC)

- Dr. Gayatri Pal (Dept. of Physics, VIC)
   Dr. Subhendu Chandra
- (Dept. of Physics, VIC) - Smt. Kathakali Biswas
- (Dept. of Physics, VIC) • Smt. Swarnalekha Bandyopadhyay
- (Dept. of Physics, VIC)

Dr. Shinjinee Das Gupta (Joint Convenor) Asst. Prof., HOD, Dept. of Physics

Victoria Institution (College)

#### National Webinar to Celebrate National Science Day on 28th Feb 2022

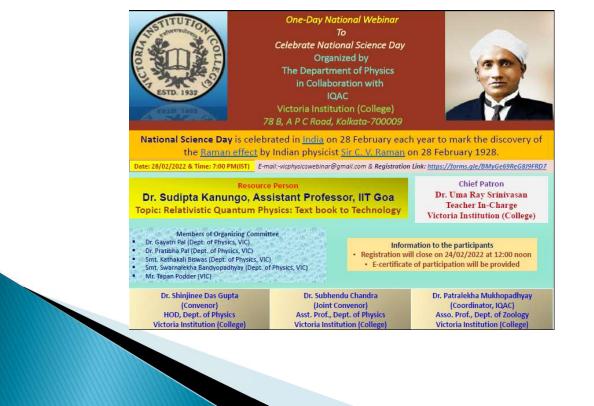
National Science Day, 2022 was observed the Department of Physics bv in collaboration with IQAC, Victoria Institution (College) by arranging а National Webinar on 28<sup>th</sup> Feb.2022. Resource person was Dr. Sudipta Kanungo, Assistant Professor, Dept. of Physics, IIT Goa, who has talked about "Relativistic Quantum Physics: Textbook to Technology".

This presentation was a perfect blend between the basic theoretical physics and its application to cutting edge technological research methods.

Moreover, the above topic was in resonance with the theme of this year's National Science Day as decided by the Ministry of Science and Technology, Govt. of India, that is "Integrated Approach in Science and Technology for a Sustainable Future".

Relativistic Quantum Physics	
Text book to Technology	Lusa rayurahasan VIC Pert
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School of Physical Sciences Indian Institute of Technology Goa.	🤊 😮 (
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It was really fascinating to learn how band structure of Graphene, an immensely important material used in different industries can be explained in light of the relativistic quantum physics at the Dirac points. About 40 participants attended the webinar including both students and faculties of various College / University / Institute and they have enjoyed the wonderful and lucid presentation delivered by Dr. Kanungo. Satisfaction of the participants have also been reflected in their feedback.



#### <u>Workshop on Digital INGA@VECC: The Milestones Achieved & The Miles Ahead</u> <u>on 10<sup>th</sup> & 11<sup>th</sup> of March, 2022</u>

The recent campaign of the Indian National Gamma Array (INGA), setup at the Room Temperature Cyclotron (RTC) in VECC, Kolkata, was implemented through more than 30 experiments carried out in different phases of the programme. The facility was sustained by resources pooled from VECC, SINP, and the Kolkata Centre of UGC-DAE CSR. The User Groups included those from Institutions, Universities and Colleges across the country such as Victoria Institution (College), Visva Bharati, TIFR, BARC, IIT-KGP, IIEST, University of Delhi, University of Mumbai, CEBS-UM, SINP, VECC, UGC-DAE CSR and others. Results from some of these efforts have already been published in international peer reviewed journals of repute while some are currently in submission. Data analysis is in progress for some of the projects.



This two-day online workshop was aimed at reviewing the physics results of significance, accomplished in the campaign, as well as at addressing the issues that might be deterring the progress of the data analysis exercise that are currently underway. The inauguration of the event was graced by the Directors of UGC-DAE CSR and VECC along with the Teacherin-Charge of the Victoria Institution (College), the Centre-Director of the Kolkata Centre of UGC-DAE CSR, the Group Head of the Physics Group at VECC, the Head of the Experimental Nuclear Physics Division, VECC and the Coordinator of the IQAC at the Victoria Institution (College). The principal component of the workshop was presentations by research scholars who are spearheading the data analysis endeavours and the talks were followed by discussions, suggestions and comments by the audience that included resource personnel and senior members of the fraternity for nuclear structure research. The research scholars represented user groups from teaching and/or research institutions across the country that have used the INGA facility at VECC along with the associated digital DAQ of the Kolkata Centre and the software resources therewith. The workshop also hosted presentations by resource personnel of the INGA setup at VECC and other accelerator centers in the country. These talks reviewed the existing infrastructure as well as described the different developments being pursued for the advancement of the INGA facility. The workshop provided platform for discussions and exchanges on the pathways ahead in the domain of nuclear structure studies using INGA, that'll facilitate its evolution into sustaining a globally competitive research programme.

Workshop on Digital INGA@VECC: The Milestones Achieved & The Miles Ahead organized by Department of Physics & IQAC, Victoria Institution (College) 78B Acharya Prafulla Chandra Road, Kolkata 700009 in collaboration with UGC-DAE Consortium for Scientific Research, Kolkata Centre Sector III, LB-8 Bidhannagar, Kolkata 700106 10th & 11th of March, 2022

The recent campaign of the Indian National Gamma Array (INGA), that was setup at the Room Temperature Cyclotron (RTC) in VECC, Kolkata has been implemented through more than 30 experiments carried out in different phases of the programme. The facility was sustained by resources pooled from VECC, SINP, and the Kolkata Centre of UGC-DAE CSR. The User Groups included those from Institutions, Universities and Colleges across the country such as Victoria Institution (College), Visva Bharati, TIFR, BARC, IIT-KGP, IIEST, University of Delhi, University of Mumbai, CEBS-UM, SINP, VECC, UGC-DAE CSR and others. Results from some of these efforts have already been published in international peer reviewed journals (Physical Review Letters, Physics Letters B, Physical Review C, Nuclear Physics A) of repute while some are currently in submission. Data analysis is in progress for some of the projects. The present Workshop proposes to review the accomplishments from the campaign as well address issues that might be impeding the progress of the data analysis endeavors that are presently underway. The forum will deliberate on the modalities for the next campaign of INGA at VECC, in the light of several developments that have come up since the previous campaigns. The programme of the Workshop will principally consist of invited talks by research scholars who have been working on the analysis of data from the experiments at VECC and by resource personnel associated with the INGA facility at VECC and other accelerator centers in the country. Intent for participating in the Workshop may please be communicated to Dr. Shinjinee Das Gupta, Victoria Institution (College) at ingavecc@gmail.com by 8th March, 2022.

The online workshop was attended by 35 participants and hosted around 20 presentations by research scholars, resource personnel of the INGA facility and other experts in the domain.

#### Observation of World Consumer Rights Day On 15.03.2022

The Department of Economics and IQAC, Victoria Institution (College) arranged a talk on 15th March, 2022 to commemorate the World Consumer Rights Day at the Keshub Memorial Hall of the college.

Mr. Arun Kar, Assistant Director of the Department of Consumer Affairs and Fair Business Practises of the Government of West Bengal was the speaker. The session was presided over by the Teacher- in - Charge of the college Dr. Uma Ray Srinivasan. The speaker discussed the 'consumer rights' in details to the audience. He also made the audience aware of how the violation of consumer rights can be taken care of and the way the Department of Consumer Affairs of the West Bengal Government capn redress the grievance of the deceived consumers. The extremely informative deliberation was followed by a question answer session. The program was attended by the teachers and the students from different departments of the college.





#### <u>Theatre Workshop</u> on 26.03.2022

On the occasion of World Theatre Day (27 March) a Theatre Workshop organized by the Department of Bengali and the Department of English in collaboration with IQAC on 26.03.2022 at Keshub Memorial Hall from 1 P.M. to 4 P.M.

The one-day Theatre Workshop was conducted by Tarun Pradhan, Associate Professor of Rabindra Bharati University (Drama Department).





Students from both the Departments had participated in the workshop and were thoroughly enriched. Those who participated in this theatre workshop the Bengali Department arranged to give them Rabindranath Tagore's 'Chelebela' to encourage them. Participants got certificates also after completion the workshop.

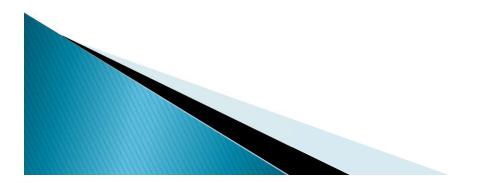


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#### Victoria Institution (College), 78-B, Acharya Prafulla Chandra Road, Kolkata-700009







Victoria Institution (College), 78-B, Acharya Prafulla Chandra Road, Kolkata-700009 <u>Series of Extension Lectures</u> <u>, 21.03.2022-26.05.2022, Dept. of Political</u> Science <u>(financially supported by ICSSR-ERC, Kolkata)</u>

#### Inaugural Lecture of 5<sup>th</sup> Series of Extension Lectures for Students of Political Science & Allied Social Sciences, 2022 21.03.2022

Fifth series of Extension lectures for Students of Political Science and Allied Social Sciences (2021-2022) with financial assistance received from the Indian Council of Social Science Research – Eastern Regional Centre, Kolkata. This year, the series comprised of seven lectures beginning in March 21<sup>st</sup> 2022 and ending May 26<sup>th</sup> 2022.

The inaugural lecture was delivered on 21.03.2022 by Prof Dipankar Sinha, Department of Political Science, Calcutta University. He spoke on the issue of **Public Administration in the** era of Globalization, Liberalization and Privatization. He began with the issue that Public Administration, both as an academic discipline and an everyday practice touches every level of the individual's life from the global to the local; hence, it cannot be an exception to the processes of *Globalization*, Liberalization and Privatization.





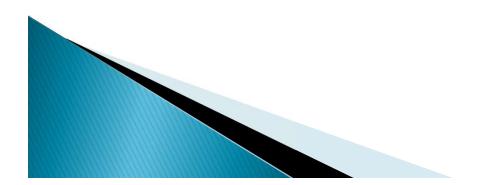
Public For long time а Administration being state-centric, had fulfilled the twin issues of 'public interest' and 'public service'. However, these two functions are increasingly being taken over by the market and the state is losing its monopoly in different areas of public administration. Under the circumstances, public administration apart from focusing on empowerment, public participation, resource development and so on must also explore the potential of Human Choice and Capabilities to become more meaningful and relevant.

#### <u>Second Lecture of 5<sup>th</sup> Series of Extension Lectures for Students of</u> <u>Political Science & Allied Social Sciences, 2022</u> 04.04.2022

Prof. Sobhanlal Dattagupta, Surendranath Chair of Political Science (Retd), University of Calcutta spoke on M.N.Roy's Idea of Radical Humanismon 04.04.2022. Prof. Dattagupta began by throwing light upon the obscure yet fascinating life and times of M.N.Roy so that his idea of radical humanism could be put in the right perspective. Manabendra Roy, born Narendra Nath Nath Bhattacharya, was an Indian revolutionary, radical activist and political theorist. Roy was the founder of the Mexican Communist Party and the Communist Party of India. Disillusioned with both bourgeois democracy and communism, he devoted the last years of his life to the formulation of an alternative philosophy which he called radical philosophy and of which he wrote a detailed exposition in Reason, Romanticism and Revolution. Roy in his philosophy devised means to ensure human freedom and progress. He worked for the ideal of establishing a social order in which the best in man could manifest. Radical humanism is neither materialism nor idealism, but a scientific philosophy, insisting upon the freedom of the individual. In it human being has been discussed not only in the context of society, but in that of the whole cosmos. Its central theme is the liberty of the individual.



Prof Dattagupta also highlighted the duality of remarkable consistency in the thoughts of Roy while undergoing continuous shifts in his political stance. So far as his activities are concerned he had shifted from one position to the other, never being satisfied that it would lead to an emancipated social system. However, till the last he remained committed to Marxism which to him was not an arbitrary economic doctrine, neither a bundle of social dogmas. As he wrote in the 2<sup>nd</sup> edition of "From savagery to Civilization" Marxism was a complete and comprehensive system of philosophy, science, economics and politics, a revolutionary concept of life in all its branches, an ideology of civilised society.



#### <u>Third Lecture of 5<sup>th</sup> Series of Extension Lectures for Students of Political</u> <u>Science & Allied Social Sciences, 2022</u> <u>25.04.2022</u>

A lecture on India and Her Neighbourhood: A *Geopolitical* Understanding was delivered by Professor Anindya Jvoti Majumdar of the Department of international Relations on 25.04.2022 as a part of the series. Professor Majumdar began by discussing the nuances of what foreign policy essentially means; four primary objectives of security, development, autonomy and prestige being central Professor Majumdar harped on the geopolitical determinant being the crux of understanding.

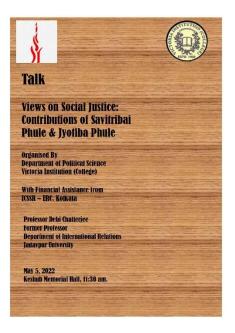




Foreign policy dimensions between India and her neighbours were discussed with special reference to the underlying constraints of attitude or perception building, diplomatic skills or their absence, power projection capability – all juxtaposed within the larger question geopolitical advantages which a state like India enjoys.

#### Fourth Lecture of 5<sup>th</sup> Series of Extension Lectures for Students of Political Science & Allied Social Sciences, 2022 05.05.2022

The fourth lecture of the series was delivered by Professor Debi Chatterjee, former professor at the Department of International Relations, Jadavpur University on Views on Social Justice: Contributions of Savitribai Phule &Jvotiba Phule on 05.05.2022 over online mode. The lecture was moored on the lack of adequate understanding and appreciation towards their understanding the undeniable contribution of Jyotiba Phule and Savitribai Phule in their resistance against caste and patriarchal atrocities towards women and girl child. Professor Chatterjee began by providing a brief sketch of the life and works of the Phules; how they themselves resisted traditional binds imposed by the Hindu Brahminical society and the institutions of patriarchy; their journey towards setting an example for those who were being marginalized similarly.



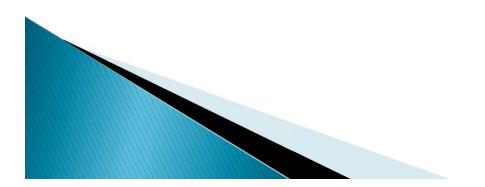
Both Jyoti and Savitribai had established schools for women and girls hailing from the backward classes. offered employment opportunities to them in those schools and also led their relentless fight against female infanticide by providing asylum to such women who had mothered children outside wedlock. the only way to put up a fight against the unfair caste discriminatory Brahminical society and patriarchy was education through which and empowerment awareness could be actualized.

#### <u>Fifth Lecture of 5<sup>th</sup> Series of Extension Lectures for Students of Political</u> <u>Science & Allied Social Sciences, 2022</u> 19.05.2022

The fifth lecture was delivered by **Prof Partha Pratim Basu**, Department of International Relations, Jadavpur University on *The Electorate and Electoral Behaviour* in the context of India on 19.05.2022. Prof Basu began by identifying the various issues connected to elections, upon which he focused on the variables which influence voting behaviour. Among these he first focused on caste and class which are not only often overlapping, but are also connected with the rural-urban variable.

He cited the research of Nobel Laureate Abhijit Binayak Banerjee in opinion upper-caste votes whose tended to favour rightist parties more while working and lower-caste votes were more in favour of leftist parties. However, the scenario is ever-fluid, where he cited other researches where caste-class equations undergo constant changes. Prof Basu also identified Religion and Gender as other variables influencing voting behaviour. Consequently, the political parties have also changed their stance to enlist the support of voters from different cross-sections of society.

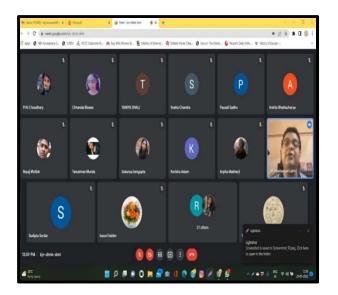




#### <u>Sixth Lecture of 5<sup>th</sup> Series of Extension Lectures for Students of</u> <u>Political Science & Allied Social Sciences, 2022</u> <u>21.05.2022</u>

Professor Imankalvan Lahiri of the Department of International Relations, Jadavpur University delivered a lecture on 21.05.2022 on Globalisation: The Bhagwati Stiglitz Debate. This lecture was conducted online owing to the constraints of the university controlled academic calendar which is binding on colleges like ours. Professor Lahiri initiated the lecture by defining the primary contours of the concept and in a very lucid manner upon elaborated the trajectory of international political economy which culminated towards the all encompassing phenomenon of globalization, as we know it today.

In the course he highlighted the unfair aspect of structural politics within the institutions of international economy (trade and commerce) and also the practices which ensued. The second phase of his lecture was a discussion on the opposite aspects of globalization which was put forth by Jagdish Bhagwati and Joseph Stiglitz. He provided with a detailed exposition on how free trade as a concept and practice was perceived to the cause of concern for the developing countries; an idea presented by former chairman of IMF Joseph Stiglitz. Jagdish Bhagwati's counter argument supporting free trade as a practice was also discussed in details.

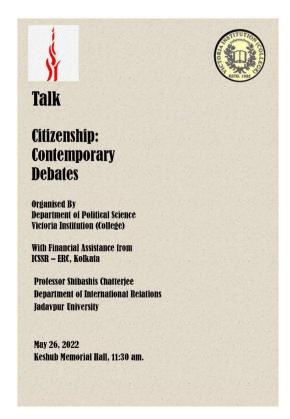




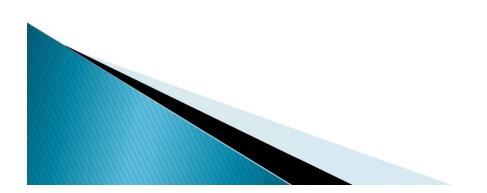


#### Victoria Institution (College), 78-B, Acharya Prafulla Chandra Road, Kolkata-700009 Seventh Lecture of 5<sup>th</sup> Series of Extension Lectures for Students of Political Science & Allied Social Sciences, 2022 26.05.2022

Prof. Sibashish Chatterjee, Department of International Relations, Jadavpur University delivered the last and seventh lecture on 26.05.2022 in the online mode as a Webinar. He spoke on Citizenship: Contemporary Debates. Prof. Chatterjee traced the history of the concept of Citizenship from the ancient Greek period to the modern period and highlighted two very important debates within the academic circles on the issue. The first debate centers around the Feminist critique which focuses on the inherent inequality and injustice within the Greek and Roman concepts of citizenship. Not only conceptually, inequality and injustice are present in the practical experiences of citizenship as well. The multiculturalist critique is the focal point of the second debate.

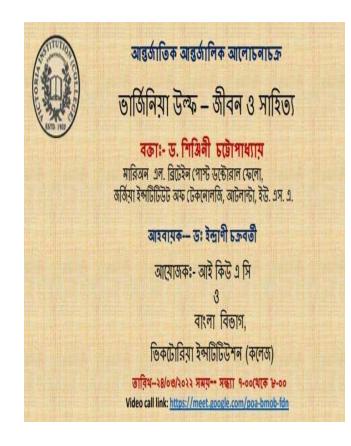


Here the question is not necessarily of class or gender but of Identity in particular. Groups placed in differential social positions enjoy undifferentiated rights which are not always conducive to enjoyment of facilities arising from citizenship. Finally, citizenship to become a truly uniting force must accommodate the differences prevalent in society as it is not a unilinear.



#### International Webinar on Virginia Wolf : Life and Work On 24.03.2022

Dr. Shinjini Chattopadhyay delivered a lecture titled "Virginia Woolf: Jibon o Sahitya" (Virginia Woolf: Life & Literature) to undergraduate 5th semester students in an international webinar held on 24.3.2022. During this lecture, Dr. Chattopadhyay introduced modernism. She discussed the biography of Woolf and critiqued her most well-known novels. Dr. Chattopadhyay established how Woolf enriched modernist literature through her writings. She concluded her lecture with imperialism and feminism in Woolf's novels. Students and Teachers from the Bengali department as well as other departments enjoyed her lecture wholeheartedly.





#### <u>Seminar on Uniting Talent With Opportunity</u> on 31.03.2022

The Department of Commerce of the Institution (College) Victoria with IQAC and Eastern India Regional Council of the Institute of Company Secretaries (ICSI) of India had arranged a seminar on UNITING TALENT WITH OPPORTUNITY on 31st March 2022 at Keshub Memorial Hall from 9A.M. to 10.30 A.M.

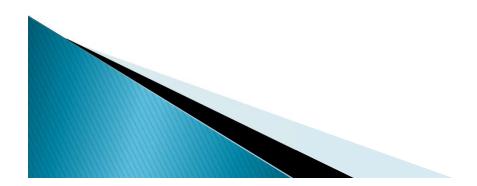
In this seminar we had eminent speaker S. Sreejesh, Assistant Director, ICSI-EIRC. He spoke about the requirement of Company Secretary in different sectors and by passing this course how the students can get more opportunities as per their qualification.





It has been seen that there are many students who want to pursue some course along with graduation but they don't have the idea and guideline to do so. This seminar has been arranged to give the students an opportunity to enhance their needs towards professional field.

We received a huge response from the students as they were able to ask questions and their queries were being solved. It has also been mentioned in the seminar that post Covid also, the opportunities of talented people have not been minimized rather uplifted.



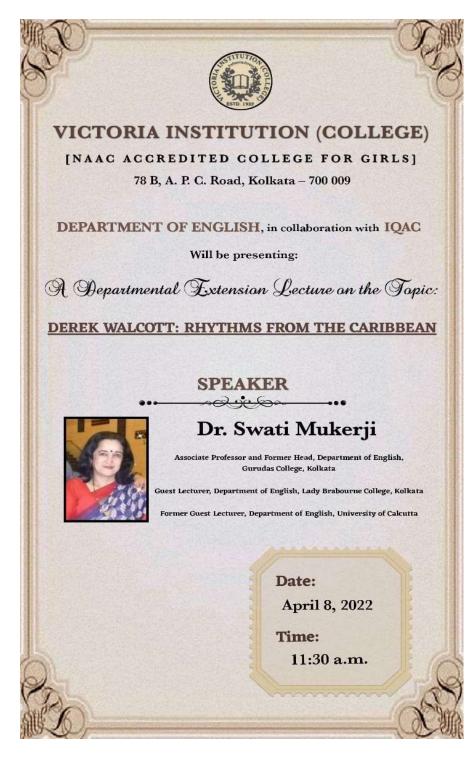
#### <u>Extension Lecture on</u> <u>'Derek Walcott : Rhythms from the Caribbean'</u> <u>on 08.04.2022</u>

An Extension Lecture on 'Derek Walcott : Rhythms from the Caribbean' was organized by the Dept. of English in collaboration with IQAC, on 08.04.2022

Dr. Swati Mukerji, Associate Professor of Gurudas College, Department of English, gave an engaging lecture on Derek Walcott' s and his poem ' A Far Cry from Africa ' in which she spoke on African system of slavery, the atrocious condition of the slaves and it's reflection in the poem along with other aspects. The poem from the 'Post Colonial Literature' creates great impact on students to assess and understand the value of the poem.

The Extension Lecture delivered on 08.04.2022 in Room No. 32 from 11.30 A.M. by Dr. Mukerji was quite informative and proved really helpful for the students. The programme was followed by a question-answer session.







#### Special Lecture on "Changing River Courses of Bengal 1780 - 2020" on 13.04.2022

A Special Lecture was organized by Department of Geography and IQAC, Victoria Institution (College) on the topic "Changing River Courses of Bengal 1780 – 2020" on 13th April 2022, 11 am at Keshab Memorial Hall.

The esteemed speaker of this lecture was Dr. Kalyan Rudra, Chairman, West Bengal Pollution Control Board. It was organized by the Geography Department in collaboration with IQAC. The session was inaugurated by the respected Teacher-in-charge of VIC, Dr. Uma Ray Srinivasan who delivered her short valuable speech followed by the speech of IQAC coordinator Dr. Dipanwita Paul Ghosh.

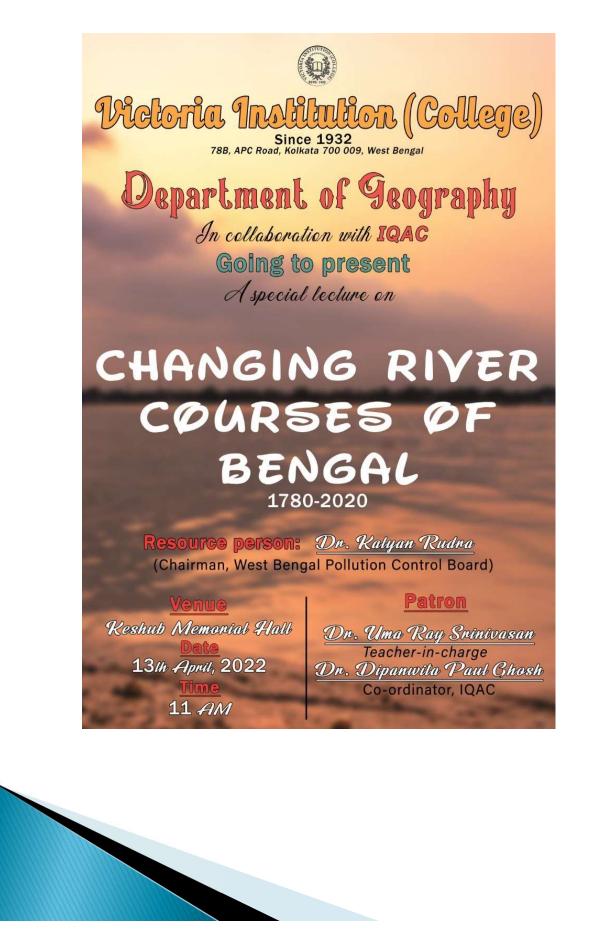




The lecture was attended by 26 students of Semester 2 Honours, 31 students of Semester 4 Honours and 24 students of Semester 6 Honours. Faculties of other departments also attended this special lecture.

The lecture by Dr. Rudra was highly enlightening and informative. It ended with an interactive session where the students and faculties put forward their queries about the topic for the honourable speaker. The students as well as all faculties were greatly benefitted by the lecture.



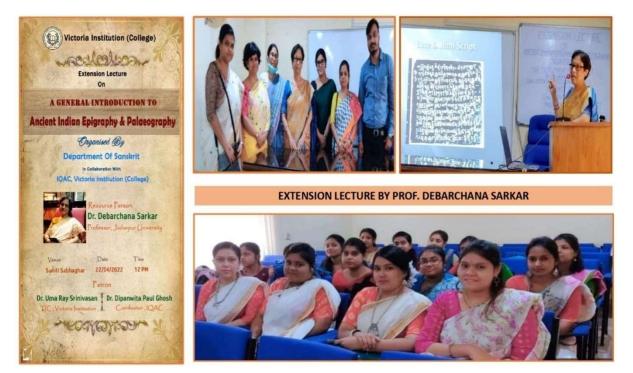


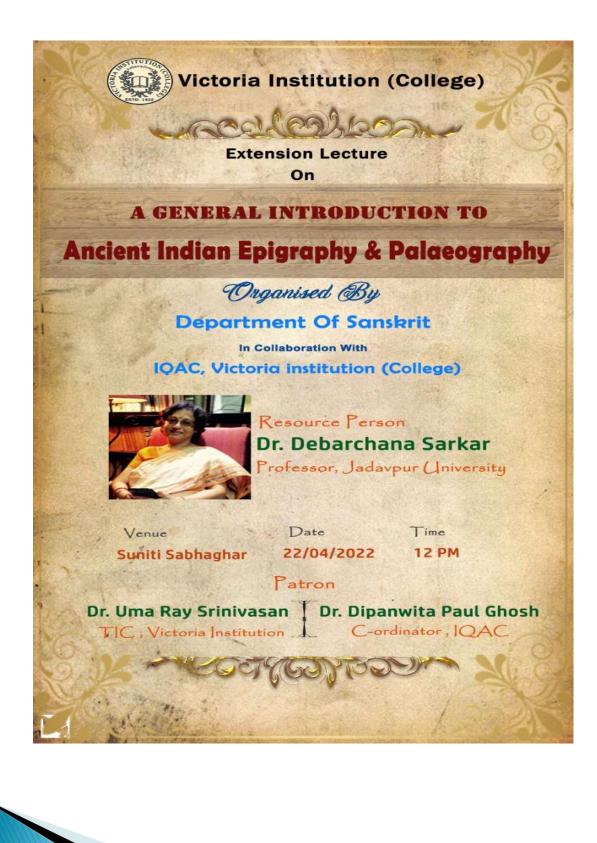
#### Extension Lecture on <u>"A General Introduction to</u> <u>Ancient Indian Epigraphy and Palaeography."</u> <u>On 22.04.2022</u>

An Extension Lecture on "A General Introduction to Ancient Indian Epigraphy and Palaeography" has been organized by the Department of Sanskrit in collaboration with IQAC, Victoria Institution (College) on April 22<sup>nd</sup>, 2022 in the Suniti Sabhaghar from 12 Noon.

The lecture has been delivered by Dr. Debarchana Sarkar, Professor, Department of Sanskrit, Jadavpur University. The students of Sanskrit Hons. Semester II, IV and VI and all the teachers of Sanskrit Department participated in the seminar. Some teachers from other departments were also present there to listen the lecture. The topic of the Extension Lecture was very much interesting to the students and very much relevant to the current syllabus of CBCS system.

The speaker presented a brief of the history of ancient Indian Epigraphy and the evolution of Indian scripts in quite a lucid manner through power point presentation. At the end of her illuminating lecture, few minutes were also spent for the questionanswer session, which was very much interesting and many doubts were cleared in this interactive session.





#### Extension Lecture on "The Why and What in Environmental Ethics" On 25.04.2022.

An Extension Lecture as the first one of the Lectures Periodical was organized by the Department of Philosophy, in collaboration with IQAC, Victoria Institution (College) in the month of April, the 25<sup>th</sup>, 2022 at Suniti Sabhaghar from 11 A.M. to 3 P.M.

The eminent professor who consented to deliver the lecture was Dr. Laxmikant Padhi. Professor and former HOD. Department of Philosophy, University of North Bengal. He presented a vast and elaborate lecture on a currently relevant Why and What issue " The in Environmental Ethics". The key points that was discussed were as follows:

1. What is Morality and applied Ethics?, 2. What is Environmental Ethics? (EE)., 3. Why questions in EE., 4. The theories in EE., 5. A reconciliation between the theories of EE., 6. Sustainable Development., 7. Environmental Sustainability in Indian Philosophy and Culture., 8. Prakriti as feminine principal., 9. Conclusion.





Ethics Environmental applies moral thinking to the natural world and the relationship between humans and the earth. Moral reasoning is not a substitute for science, but it provides a powerful complement to scientific knowledge about the earth. Science does not teach us care. Human being owe the environment a moral obligation to conserve it as most of the environmental degradation comes from human activities. In this case, protecting the environment simply means that we are trying to protect humanity.

Dr. Padhi delivered a contemplative and cogitative as well as a delectable lecture. The lecture was lengthy but not lingering and interactive. We invited our alumni students and the auditorium was fully occupied.

#### Extension Lecture on "Fundamentals of Cartography" on 26.04.2022

An Extension Lecture was organized by Department of Geography and IQAC, Victoria Institution (College) on the topic "Fundamentals of Cartography" on 26th April 2022, 1 pm at Keshab Memorial Hall.

The esteemed speaker of this lecture was Dr. Ashis Sarkar, ex-Head, Department of Geography, Presidency College. The session was inaugurated by the respected Teacher-in-charge of VIC, Dr. Uma Ray Srinivasan who delivered her short valuable speech.





The lecture was attended by 23 students of Semester 2 Honours, 17 students of Semester 4 Honours and 7 students of Semester 6 Honours. The lecture by Prof. Ashis Sarkar was highly rich, informative and also useful to the students since the students of Geography Department learn and practice different cartographic techniques.

It ended with an interactive session where the students and faculties put forward their queries about the topic for the honourable speaker. The students as well as all faculties were greatly benefitted by the lecture.

#### Extension Lecture on "Techniques of Counseling and Its Applications" On 30.04.2022

Department of Psychology and IQAC, Victoria Institution (College) arranged An Extension Lecture on "Techniques of Counseling and Its Applications" on 30<sup>th</sup> April, 2022, Saturday.

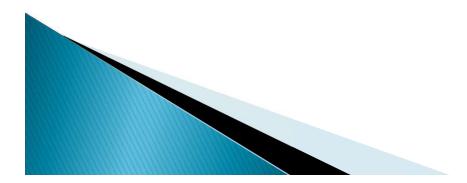
Our Eminent Speaker was Mrs. Pooja Sengupta, College Whole Time Teacher, Bhawanipur Education Society College. She received Distinction in M. Phil.





. degree in Clinical Psychology from Department of Psychology, University of Calcutta. The students of Semester VI attended the Seminar held for 3 hours started from 1 pm. at Suniti Sabhagriha that day.

They appreciated the Speaker's elucidation on the topic and got benefited. Below are the pictures of the event:



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#### Victoria Institution (College), 78-B, Acharya Prafulla Chandra Road, Kolkata-700009



## ORGANIZED BY DEPARTMENT OF PSYCHOLOGY

#### DATE

30th APRIL 2022 2nd MAY 2022

#### TIME

1 PM - 4 PM

#### VENUE

SUNITI SABHAGHAR

Patron Uma Ray Srinivasan (Teacher In Charge)

# APPROACHESIN PSYCHOLOGICAL COUNSELING

# EXTENDEDLECTURE



### **POOJA SENGUPTA**

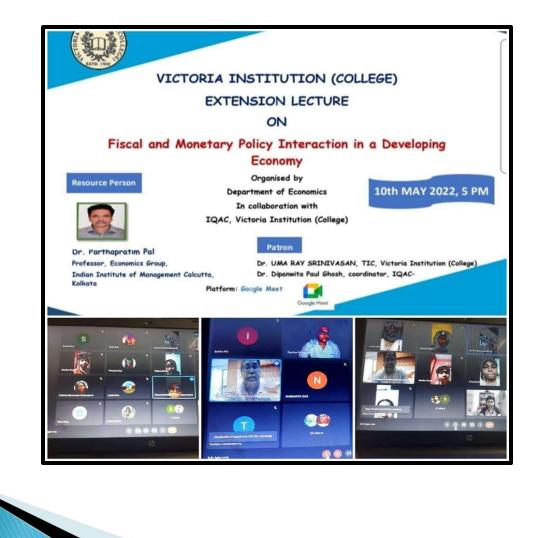
Faculty Department of Psychology

The Bhawanipur Education Society College

SPEAKER

#### <u>Online Extension Lecture on "Fiscal</u> <u>and Monetary Policy Interaction in a</u> <u>Developing Economy" on 10.05.2022</u>

The Department of Economics in collaboration with IQAC, Victoria Institution (College) organized an extension lecture on 10<sup>th</sup> May, 2022. The topic of the webinar was "Fiscal and Monetary Policy Interaction in a Developing Economy". The speaker was Professor Parthapratim Pal, Professor, Economics Group, Indian Institute of Management, Calcutta, Kolkata. The deliberation was very informative and our students were enriched by the lecture. We are thankful to our Teacher-in-charge Dr. Uma Ray Srinivasan and IQAC Coordinator Dr. Dipanwita Paul Ghosh for their constant support and encouragement.



#### Talk Series on Pandemic: Impact on Women on 13.05.2022

The Morning Section in collaboration with IQAC, Victoria Institution (College) planned for a talk series on Pandemic. The first talk of that series was held on 13.05.2022 at 10 a.m. The talk held virtually.

The topic was Impact of Pandemic on Women in socio-cultural context. The honourable speaker was Ms. Sudeshna Roy, Film Director and Special Consultant of Child Rights Commission.

The session was inaugurated by the teacher of the morning section Mrs Suchhanda Ghosh followed by welcome address by Dr Uma Ray Srinivasan. IQAC Coordinator Dr Dipanwita Paul Ghosh was present and addressed the audience.





The speaker discussed the effects of Pandemic on women of the society. The brighter and interesting side of the lecture was that she highlighted the positive effects of Pandemic on female section of our society. Almost 130 students from all the semesters and many faculty members virtually joined the talk. The interactive session was conducted by Mr Aditya Sarkar and it became very interesting in presence of TIC madam.

The event ended with the vote of thanks raised by Mrs Aloka Mukhopadhyay.

#### <u>One Day Extension Lecture On Literary Criticism In Urdu With</u> <u>Special Reference To Some Eminent Critics Of 21<sup>st</sup> Century</u> <u>Globally on 18.05.2022</u>

The Department of Urdu in collaboration with IOAC and with the patronage of Dr. Uma Rav Srinivasan, Teacher In Charge and Dr. Dipanwita Paul Ghosh, Coordinator, IQAC has organized an extension lecture on 18.05.2022 at Suniti Sabhaghar from 12.30 P.M. to 2.30 **P.M.** Victoria Institution (College).

The topic of the lecture was "Literary Criticism In Urdu With Special Reference To Some Eminent Critics Of 21<sup>st</sup> Century Globally" our speaker was Dr. Dabir Ahmed an eminent scholar and Associate Professor, Department Of Urdu, Maulana Azad College. Kolkata.





His area of interest includes classical and modern poetry as well as criticism and linguistic. He is the author of more than ten books and about hundred published research papers.

The programme was started with a warm welcome speech by Dr. Farhat Ara Kahksahan. H.O .D of Urdu Department, Victoria Institution (College) and was compared by Dr. Farida Anwar of Victoria Institution (College), with the vote of thanks by Neeloofer Nabi, Guest Lecturer of Victoria Institution (College), the session ended successfully.

#### <u>Mime as Career: Workshop on</u> <u>Theatrical Mime on 18.05.2022</u>

A one-day workshop on the elementary aspects of mime, as a career workshop was organized for the students of the college by the Career Counselling Cell in collaboration with IQAC Cell on May 18<sup>th</sup> 2022 at Keshub Memorial Hall from 1 P.M. to 5 P.M.

The workshop was conducted by Soma Mime Theatre, Kolkata. The three-hour workshop was attended by forty-four students from the departments of Bengali, Commerce, English, History, Psychology and Sanskrit. The idea behind organizing a workshop of this kind was to expose students to mime, not only as an important art form /practice, but also to initiate them towards mime as a viable career option.







The workshop enabled them with the elementary performative aspects of mime and they were trained by the members of Soma Mime Theatre with utmost sincerity and vigour. Participating students also exhibited similar enthusiasm during the workshop. founder Director of The this organization Smt. Soma das is an alumnus of our college as well, which added an extra dimension to the day's event. The workshop was inaugurated with the address of our Teacher-in-Charge, Dr. Uma Ray Srinivasan. Certificates issued jointly by the college and Some Mime Theatre was awarded to all the participants at the end of the day.

#### <u>Extension Lecture on 'Early Medieval temples of</u> <u>India: Regional variations'</u> <u>On 19.05.2022</u>

An extension lecture was organized by the Department of History in collaboration with IQAC on 19<sup>th</sup> May, 2022 at Suniti Sabhaghar from 11 A.M. to 2 P.M.

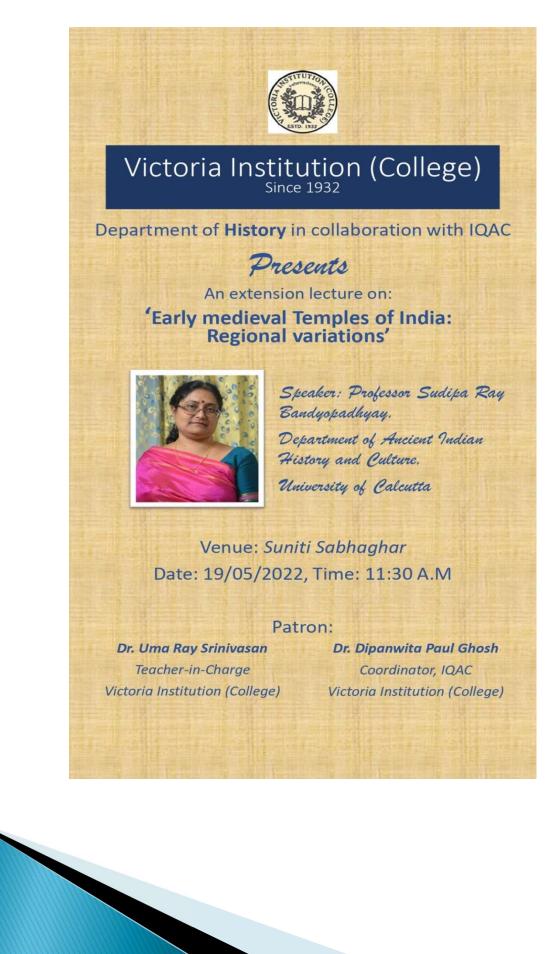
Teacher-in-Charge Dr. Uma Ray Srinivasan and IQAC Co-ordinator Dr. Dipanwita Paul Ghosh were present on the occasion.





Prof Sudipa Roy Bandyopadhyay from the Department of Ancient Indian History and Culture, University of Calcutta delivered a lecture on 'Early Medieval temples of India: Regional variations' Her power point presentation was very interesting as well as colorful since she showed us some rare pictures of medieval temples and explained their architecture. intricate Students thoroughly enjoyed the lecture and participated in the interactive session following the lecture.



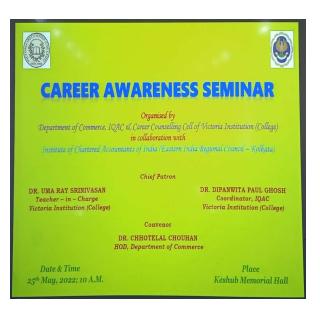


#### <u>Career Awareness Seminar by Institute of Chartered</u> <u>Accountants of India on 25.05.2022</u>

The Department of Commerce of the Victoria Institution (College) with IQAC and Eastern India Regional Council of the Institute of Chartered Accountants of India (ICAI) had arranged a seminar on CAREER AWARENESS dated 25th May 2022 in Suniti Sabhaghar at 10 A.M..

In this seminar we had eminent speakers CA Tarun Nagpal and Ms. Susmita Sen, Student Counsellor of ICAI. Both of them shared have their experience and knowledge of being а Chartered Accountant with our students. They have also highlighted that if the students parallelly study CA course with B. Com then they will find many similarities in the syllabus.





Through this seminar they assured that if the students need any help regarding internship then they will try to provide information regarding that. This seminar has been arranged to give the students an opportunity to enhance their needs towards professional field.

We received a huge response from the students as they were able to ask questions and their queries were being solved. It has also been mentioned in the seminar that post Covid also, the opportunities of talented people have not been minimized rather uplifted.

#### <u>One Day Extension Lecture On "Taraqqi Pasand</u> <u>Tehrik Ki Manawyet"</u> <u>On 27.05.2022</u>

The Department of Urdu in Collaboration with IOAC and with the patronage of Dr.Uma Ray Srinivasan, Teacher In Charge and Dr. Dipanwita Paul Ghosh, Coordinator ,IQAC.has organized a extension second lecture on 27.05.2022 at Suniti Sabhaghar, Victoria Institution (College) from 2 **P.M. to 4 P.M.** 

The Topic of the lecture was "Taraqqi Pasand Tehrik Ki Manawyet". Our speaker was Dr. Mohd Imteyaz Alam popularly known as Imteyaz Waheed an eminent scholar and Assistant Professor of Department of Urdu, University of Calcutta.





The programme was started with a warm welcome speech by Dr. Farhat Ara Kahksahan. H.O.D of Urdu Department, Victoria Institution (College) and was compared by Dr. Nikhat Jahan of Victoria Institution (College), with the vote of thanks by Neeloofer Nabi, Guest Lecturer of Victoria Institution (College), The session ended successfully.

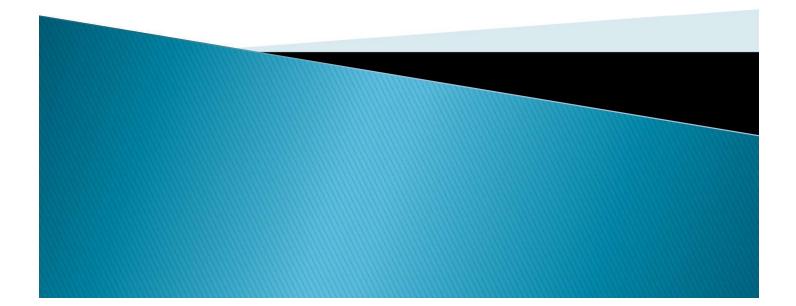


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# Victoria Institution (College)

## 78-B, Acharya Prafulla Chandra Road, Kolkata-700009

# Workshop / Seminar / Conference 2020-2021



#### <u>Three-Day Webinar</u> <u>On 01.07.2020 - 03.07.2020</u>

The Department **Economics**, of (College) Victoria Institution organized three days Webinar on **'ECONOMIC,** SOCIAL AND **PSYCHOLOGICAL CRISIS IN THE** TIME LOCKDOWN-AN OF **INDIAN PERSPECTIVE'.** 



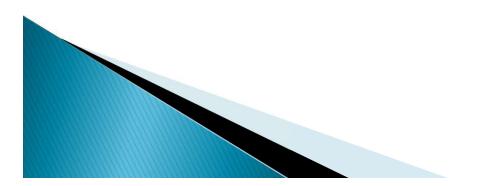
Although the fight against COVID-19 has been repeatedly projected as a war against a natural calamity and a crippling burden is thrust upon the informal economy – farm and especially non-farm – through an impromptu imposition of nation-wide lockdown, the truth is that, it is the greed of global capital that was instrumental in inviting the disease, creating the pandemic and its associated insecurity and deep pessimism. Hence, the onus cannot be put on the suffering multitudes. The State has to bear the responsibility.



The objective of the three day webinar organised online by the Department of Economics, Victoria Institution (College) from 1st to 3rd July 2020 was to discuss and understand the economic, social and psychological impact of Covid 19 pandemic. The speakers were Dr. Saumya Chakraborty, Professor of Economics of Viswabharati University who discussed the economic impact of covid 19 pandemic and some short, medium and long-run measures to sustain life during the unprecedented emergency and resurrect the economy in the post COVID-19 world.

Journalist **Amitava Gupta** from Anandabazar Patrika highlighted the social impact of the covid pandemic.He put stress on immediate arrangements for provisioning of food and nonfood essentials through judicious cash transfers.. Finally, the psychological impact of Covid pandemic and the ensuing lockdown was discussed **by Dr. Sreemoyee Tarafdar**, Assistant Professor of Psychology of Barasat State University, who is at the same time is a psychological counsellor. The psychological stress suffered by all including the students and the way to recovery and rehabilitation were discussed in detail by the speaker. The deliberations by the eminent speakers were followed by question answer sessions in all three days of the webinar. The participants asked questions with great enthusiasm while the experts painstakingly replied to their queries



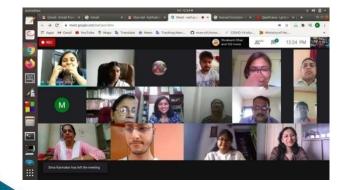


#### <u>Web Based Workshop on</u> <u>Teaching Physics at the UG & PG Level using Python</u> <u>during July 6th - 10th 2020</u>

The Python Language has emerged as an efficient tool of carrying out cutting edge computational research and hence it is an important part 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 VIC, Kolkata, in collaboration with the UGC-DAE CSR, Kolkata Centre, organized a workshop on Python, on a digital platform.

E-Workshop highlighted The the application of Python, to complement the conventional classroom teaching at the UG & PG level, particularly in the context of the topics Mathematical such as 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 following dignitaries, Dr. Nibedita the 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 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).





#### Learning Physics through Python.

UGC-DAE Consortium for Scientific Research, Kolkata Centre, is in the process of developing a range of innovative, low cost teaching tools based on the routinely available resources for the undergraduates. These tools are expected to be illustrative and contribute in their understanding of the basics of the subject, apart from rejuvenating the fun factor in the learning process. And all this with an accompanying rigor on the extracted numbers 1 The Kolkata Centre of the Consortium, has been hosting and supporting such innovative endeavors for College and University community across the country.

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, intends to host a workshop on Python, on a digital platform, during July 6<sup>th</sup> - 10<sup>th</sup> 2020. The E-Workshop will focus on 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 is envisaged to provide a brief introduction to Python, starting from its installation and followed by specific applications of this tool in solving problems that are routinely encountered in the teaching of the subject. It is envisaged to have two lectures (around 45 minutes duration) per day.

The target audience primarily would be a group of selected faculty members / students, from colleges and the objective would be to create a sustained culture for such innovative teaching methodology.

The participation to this workshop is by nomination. The Head of the Department / Institution may recommend the names of few faculty members / students from UG / PG section (previous & final year) for the purpose. An order of preference may please be indicated against the names of the recommended participants. Owing to very limited resources, we are apologetic that it might not be possible to honour all the recommendations. Kindly include the contact details (mobile & email) of the recommended participants in the communication.

The recommendations may please be sent (electronically) at the earliest (on or before July 1<sup>st</sup> 2020) to, Dr. Subhendu Chandra, Convenor. The exact platform for hosting the lectures and the resources along with other details shall be eventually communicated to the registered participants.

Dr. Sendeep S Ghogre (Convenor) UGC DAE CSR, KC Email : ng@alpha.iuc.res.in Mobile No: +91-9831037171 Dr. Subhendu Chendra (Convenor) Victoria Institution (College) Email:subhendul.70975@gmail.com Mobile No: +01. 9433283395 Dr. Shinjinee Das Gupta (Co-Convenor) Victoria Institution (College) Email : shinjinee14@gmail.com Mobile No: +91-9433136758

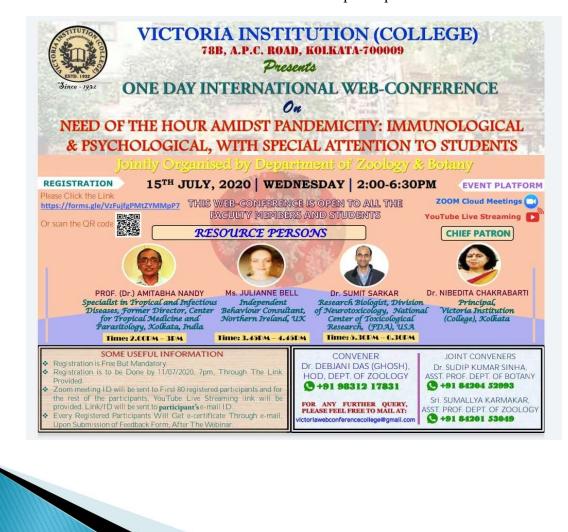
Patrons Dr. Nibedita Chakrabarti, Principal, Victoria Institution (College) Dr. A K Sinha, Director, UGC DAE CSR, Indore Dr. Abhijit Saha, Centre Director, UGC DAE CSR, Kolkata Centre

#### <u>Webinar on Need of the Hour Amidst</u> <u>Pandemicity : Immunological &</u> <u>Psychological with Special Attention to</u> <u>Students on 15.07.2020</u>

A Webinar on Need of the Hour Amidst Pandemicity: Immunological & Psychological with Special Attention to Students was 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 organized an international webinar to make the students aware about the various aspects of the disease. Eminent personalities presented their lectures in this webinar and it was attended by 248 participants.



### National Webinar on "Impact of <u>COVID - 19 on Indian Economy"</u> <u>on 26.07.2020</u>

The webinar was organized by the Dept. of Commerce, 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.







### Two Day International Webinar on The Impact of Covid-19 Pandemic and Lockdown On Industry, Trade and Commerce on 30.08.2020 and 31.08.2020

The department of Commerce of the Victoria Institution (College) with IQAC the Kishore Bharati Bhagini and Nivedita college with had IOAC 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.) AmalenduBhunia 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.

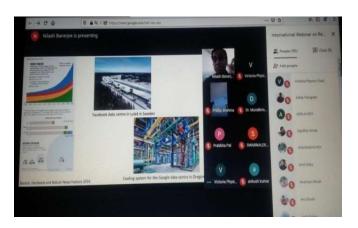
TITUTIO, **Two-Day International Webinar on** Impact of Covid-19 Pandemic and Lockdown on Industry, Trade and Commerce Jointly Organized by The Department of Commerce with IOAC The Department of Commerce with IQAC Victoria Institution (College) Kishore Bharati Bhagini Nivedita College (Co-Ed.) Behala, Kolkata-700060 78 B, A P C Road, Kolkata-70000 Date: 30/08/2020 and 31/08/2020, Time: 5:00 PM to 8:00 PM(IST) on both Registration Link https://forms.gle/ZnzUTz8PvTwQ7m7n9 About The Webinar n The economic impact of the 2020 coronavirus pandemic in India has been largely disruptive. Due to outbreak of covid-19 around the world and several lockdown in the country, there has been a tremendous impact on Indian economy as well as on world economy. Most of the Indian industries show a negative growth rate in the covid-19 scenario. In this situation the webinar will be able to exchange the views and ideas on the international platform. **Resource Persons** Day-2 Day-1 Speaker-1 Speaker-1 Prof. (Dr.) Debasis Sur Professor Department of Commerce University of Burdwan Prof. (Dr.) Radhe S. Pradhan West Bengal (India) Professor, Central Dept. of Mgmt. Tribhuvan University, P. O. Box 10076, Speaker-2 Prof. (Dr.) Amalendu Bhunia Kathmandu, Nepal Speaker-2 Professor, Department of Commerce Kalyani University West Bengal (India) Speaker-3 Dr. Santus Kumar Deb Prof. (Dr.) Ashish Kumar Sana Professor, Director. Department of Commerce Department of Tourism and University of Calcutta Hospitality Management, University of Dhaka, West Bengal (India) Bangladesh Information to the participants Registration will close on 29/08/2020 at 12:00 noon Meeting Platform - Google Meet (Patron **Dr. Shib Sankar Sana Dr. Nibedita Chakrabarti** Principal Principal K.B.B.N. College (Co-Ed.) Victoria Institution (College) Kolkata, West Bengal (India) Kolkata, West Bengal (India) (Convenor) Dr. Sweety Sadhukhan **Dr. Chhotelal Chouhan** Assistant Professor Assistant Professor HOD, Dept. of Commerce HOD, Dept. of Commerce Kishore Bharati Bhagini Nivedita College (Co-Ed.) Victoria Institution (College) Behala, Kolkata-700060, West Bengal (India) Kolkata, West Bengal (India)

#### <u>Two-Day International Webinar On</u> <u>Recent Trends in Condensed Matter and Particle Physics</u> <u>31.07. 2020 and 01.08.2020</u>

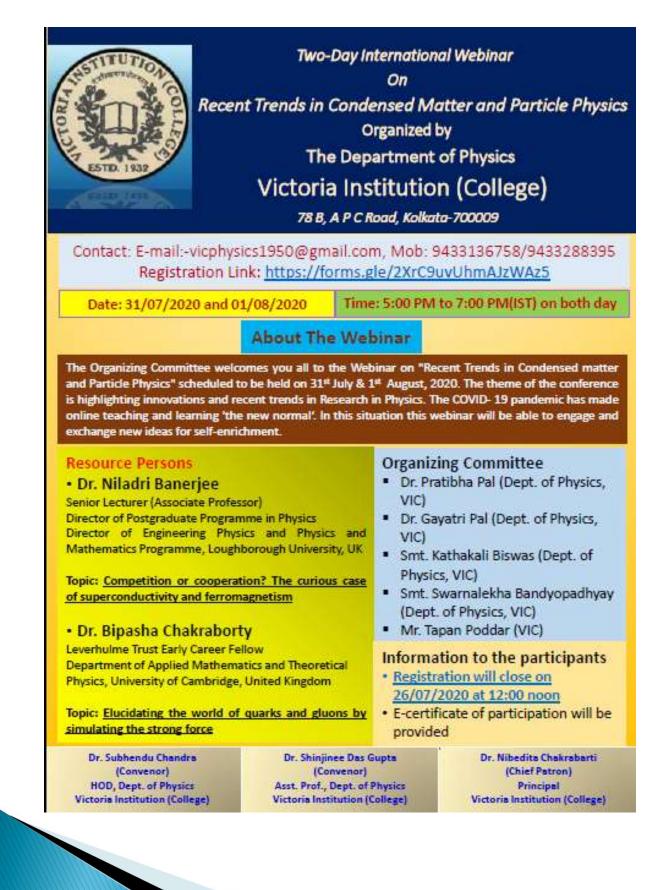
Condensed matter and Particle Physics are the two emerging field of studies in the area of recent research throughout the world. In this context, the Department of Physics, Victoria Institution (College), Kolkata, organized a Two-Day International webinar, on a digital platform.

The various aspects for the development of both theoretical and experimental research methodologies were discussed in the webinar to enhance the prospects of the students to take up research in these areas. The webinar highlighted the magnetic properties specially superconductivities, ferromagnetism, superconducting spintronics with spin-orbit coupling etc. in the field of Condensed matter physics and quantum field theory like QCD and QED for atomic and sub-atomic world in W and Z bosons, gluons, photons mediators etc. in the field of particle physics.





In the 1<sup>st</sup> session Dr. Niladri Banerjee, Associate Professor in the Department of Physics at Loughborough University, U.K. delivered his interesting lecture on the topic 'Competition or cooperation? The curious case of superconductivity and ferromagnetism.'In the 2<sup>nd</sup> session 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 a very attractive talk on the topic 'Elucidating the world of quarks and gluons by simulating the strong force.' Each of the session was followed by the question answer session. The webinar was attended by about 335 participants, comprising of both students as well as faculty members, from regions across the country.



### <u>Web based International Workshop on ARDUINO</u> and other Simulated Experimental Techniques, <u>On 01.09.2020 -02.09.2020</u>

Department of Physics, Victoria Institution (College) has organized a Web based International Workshop on ARDUINO and other Simulated Experimental Techniques, during 01.09.2020 and 02.09.2020.

The objective of this workshop was to highlight various simulated experimental techniques used in the virtual platform for research and advanced level of teaching.

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.

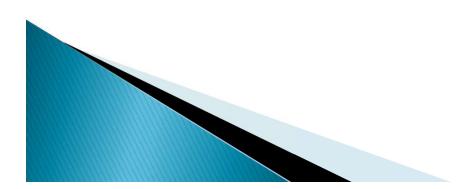
Dr. Niladri Banerjee, Senior Lecturer (Associate Professor), Department of Physics, Loughborough University, United Kingdom, gave an Introduction to Micromagnetism and Object Oriented Micro Magnetic Framework (OOMMF), which is a finite difference program widely used to predict magnetism at submicron level.

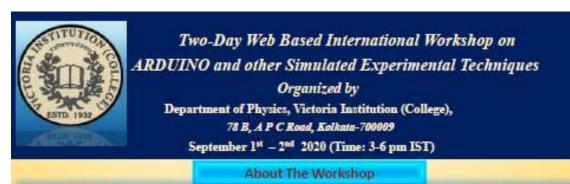


He discussed briefly the relevant theoretical aspects of magnetism in materials and demonstrated how this simulation software can be used. His presentation gave us an interesting insight into the research and simulation done in this field.

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 syllabi of different Universities.

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.





The objective of this Workshop is to give an exposure to the participants about ARDUINO (open source electronic prototyping platform), CIRCUIT MAKER 2000 and Micromagnetism & Object Oriented MicroMagnetic Framework (OOMMF). ARDUINO has been included in our CBCS syllabus while CIRCUIT MAKER 2000 may be used to demonstrate virtually the electronic and electrical experiments. OOMMF is a finite difference programme that is widely used to predict magnetic structures at the submicron scale.

The thrust of the workshop is to introduce experimentation through different virtual platforms. In this pandemic situation where students have not been able to attend regular classes, this mode of demonstration of experiments will be extremely beneficial for them.

The participation to this workshop is by nomination for the students and the faculty members can apply directly. The Head of the Department / Institution may recommend the names of few students for the purpose. An order of preference may please be indicated against the names of the recommended participants. Owing to very limited resources, we are apologetic that it might not be possible to honour all the recommendations. Kindly include the contact details (mobile & email) of the recommended participants in the communication.

The applications/recommendations may be sent at the earliest (on or before August 27, 2020) at vicphysics1950@gmail.com. Meeting platform will be google meet.

Framework (OOMMF)  Dr. Subhendu Chandra HOD, Dept. of Physics, Victoria Ins	or) Loughborough University, UK agnetism and Object Oriented Micr	Mr. Tapan Podder     Contact:     Ovalastara	
Dr. Gayatri Pal (Convenor)	Dr. Shinjinee Das Gupta (Joint-Convenor)	Dr. Nibedita Chakrabarti (Chief Patron) Principal Victoria Institution (College)	
Asso. Prof., Dept. of Physics Victoria Institution (College)	Asst. Prof., Dept. of Physics Victoria Institution (College)		

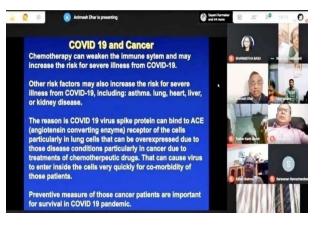
#### International Webinar on Recent Advancement in Cancer Research on 12.09.2020

The Department of Botany and Indian Science Congress Association, VIC Unit of Victoria institution (College) Kolkata, jointly organized 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 Animesh Dhar, Scientific were Dr. Advisor Genzada Pharmaceuticals Hutchinson. Associate Kansas & 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.

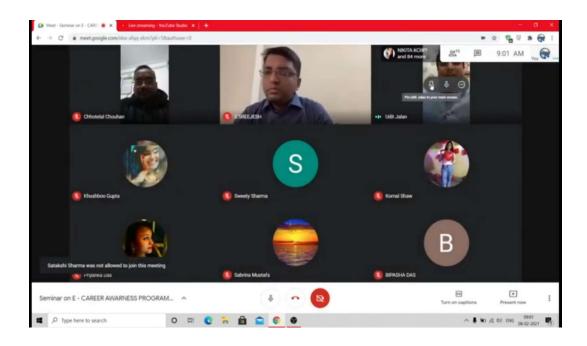




#### <u>E - Career Awareness Programme</u> <u>on 8.02.2021</u> (Time - 9 A.M. to 10 30 A.M.)

An E – Career Awareness Programme was conducted by Institute of Company Secretaries of India in collaboration with Dept. of Commerce on 8<sup>th</sup> February, 2021

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 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.



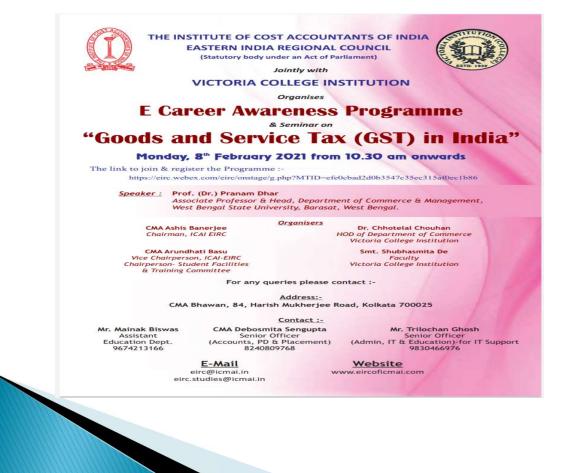


#### <u>E - Career Awareness Programme</u> <u>on 8.02.2021</u> (Time - 10 30 A.M. to 12 Noon.)

Another 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 8<sup>th</sup> February, 2021.

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. Pranam Dhar. 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.



### <u>One – Day National Webinar on Quantum optics</u> <u>and Quantum Information : from Basics to</u> <u>Applications on 27.06.2020</u>

One – Day National Webinar on Quantum optics and Quantum Information : from Basics to Applications was organized by the Dept. of Physics on 27<sup>th</sup> June, 2020.

The objective of this Webinar was to give an overview of the research methodologies in the field on Quantum optics and quantum 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 basic 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 (BEC).

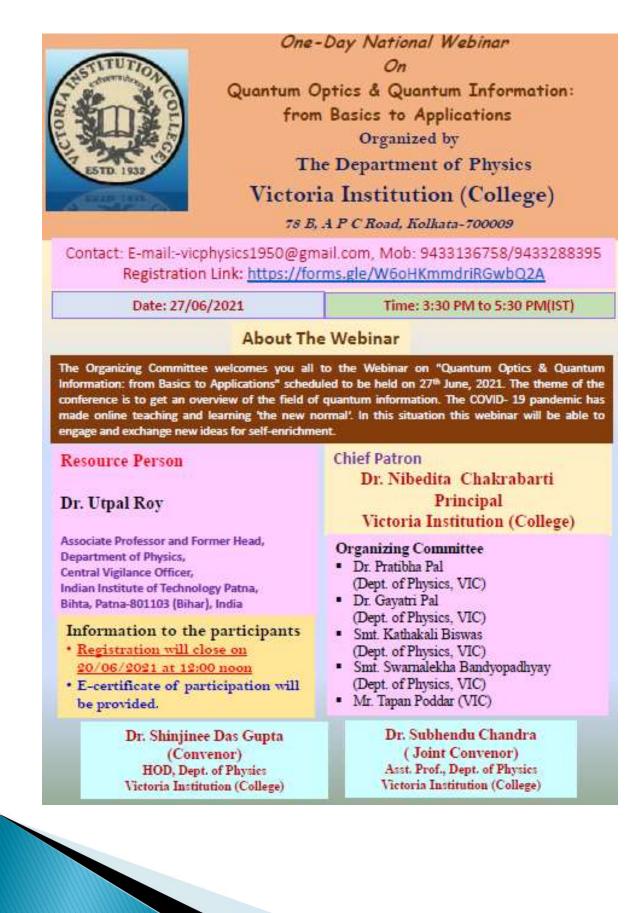




He illustrated with simple examples how computational tools are used to study BEC state and also discussed some results from his own area of research and publications.

His lucid presentation gave a glimpse of these topics in Physics which are included in the UG and PG syllabus of different Universities at a basic level and encourage the students to explore these areas of physics at the Research level both theoretically and experimentally.

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.

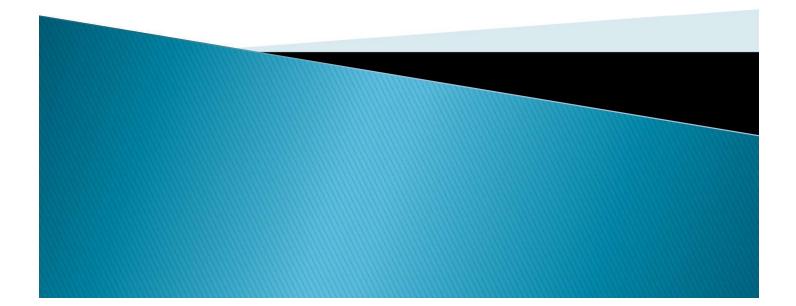


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# Victoria Institution (College)

## 78-B, Acharya Prafulla Chandra Road, Kolkata-700009

# Workshop / Seminar / Conference 2019-2020



## Victoria Institution (College), 78-B, Acharya Prafulla Chandra Road, Kolkata-700009 Extension Lecture on Demonitisation and its Impact

on the Economy on 20.09.2019

An Extension Lecture was organised on 20/09/2019 by the Department of Economics, Victoria Institution (College). Professor Anjan Chakrabarti from the Department of Economics, University of Calcutta and Dr. Gagori Chakrabarti, Associate Professor. Presidency University were the honourable Resource Persons for the event. The topic was "Demonitisation and Its Impact on the Economy". The students of Department of Economics were fascinated with the learnings and take -always from the scholarly inputs from the Professors. 30 students from the Department of Economics along with 10 faculty members from the Institute participated in the deliberation.





<u>Departmental seminar of History on</u> <u>"Valuable Art Collection of Indian</u> <u>Museum"</u> <u>on 25<sup>th</sup> September 2019</u>

#### A departmental seminar was organized on 25<sup>th</sup> September 2019 by the Department of History.

Nita Sengupta, in-charge of Indian Museum's art gallery graced the occasion. Head of the department Professor Jiaul Anam Molla presided over the seminar.





She presented her lecture on valuable art collection of Indian Museum, Kolkata. She explained in detail, how they preserve valuable artifacts. Students were engaged in discussion with her.



Victoria Institution (College),Kolkata Department of History organizes a seminar lecture on 'Preservation of Artefacts' Speaker:Dr. Nita Sengupta,Deputy Keeper, Art Section,Indian Museum, Kolkata.

Venue: Suniti Sabhaghar, Date: 25/09/2019, Time: 12 noon

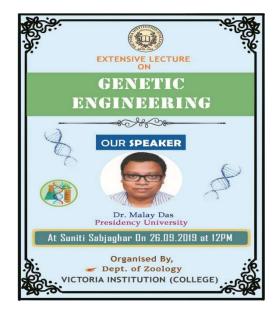
All are cordially invited.

#### Extension Lecture on Genetic Engineering on 26.09.2019

An extension lecture was organized by the Department of Zoology, Victoria Institution (College) on 26.09.2019 on the topic Genetic Engineering. The Speaker was Dr. Malay Das of Presidency University. There were 26 participants in this programme.







Science has come up a long way. In today's world we are using Genetic engineering in modification and alterations of any kind of genetically improved variety of organisms.

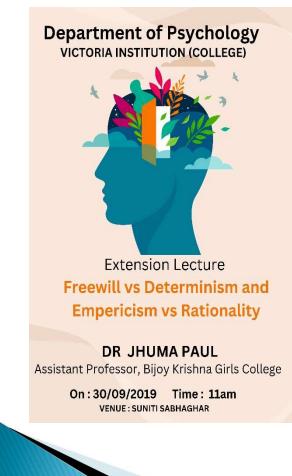
With the extension lecture students gained knowledge about it and it's importance and implications as it has a number of useful applications, including scientific research, agriculture and technology. In plants, genetic engineering has been applied to improve the resilience, nutritional value and growth rate of crops such as potatoes, tomatoes and rice.



#### Extension lecture on 30.09.2019

An extension lecture was organized by the Department of Psychology, Victoria Institution (College) on 30.09.2019.

The theme of the lecture was "Free will versus determinism and empericism versus rationality". This lecture was delivered by Dr. Jhuma Paul, Assistant Professor, Department of Philosophy, Howrah Girls' College. Free will and determinism debate whether our choices are ours or predestined. Empiricism values experience in knowledge acquisition, while rationality emphasizes reason. Together, they form a philosophical crossroad, questioning the origins of our understanding and actions. This interplay shapes ethics, science, and personal beliefs, challenging us to ponder the extent of human autonomy and intellect. This extension lecture id to understand how these dichotomies invite а deeper exploration of human cognition and existence.





#### Extension lecture on The Evolution of American Literature on 07.11.2019

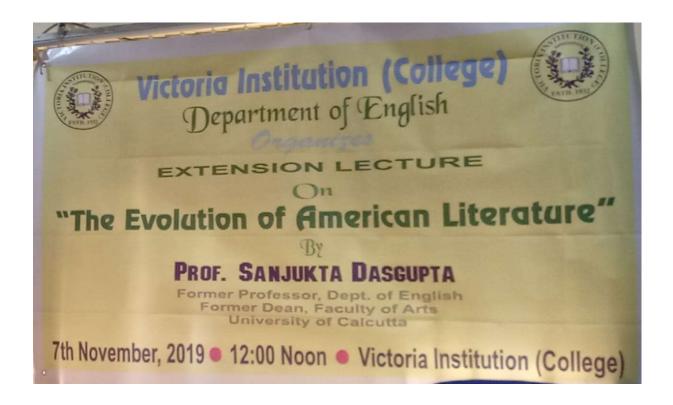
An Extension Lecture on "The Evolution of American Literature" was arranged for the Semester 3 students of the Department of English on 7th Nov2019.

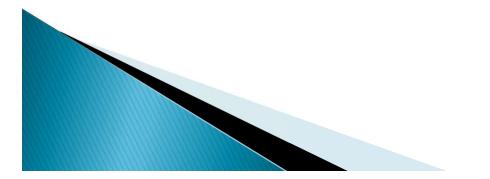
This enlightening lecture was delivered by the very eminent Prof. Sanjukta Dasgupta (Former Professor, Dept. of English; Former Dean – Faculty of Arts, University of Calcutta) to orient students toward American Literature, which is an integral part of their syllabus. Though it was not possible to cover every detail in that short span of time, Prof. Dasgupta's presentation actually helped the students to gain a comprehensive understanding of what American literature is all about and also fostered in the man interest for the same. The lecture was followed by an interactive session where the students participated spontaneously. Prof. Dasgupta's presence was indeed a great motivation for the entire department



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### Victoria Institution (College), 78-B, Acharya Prafulla Chandra Road, Kolkata-700009





#### Extension lecture on Towards New English on 16.11.2019

# An Extension lecture on Towards New English was organized by the Dept. of English on 16.11.2019

Dr. Jaydeep Sarangi, Principal, New Alipore College, Kolkata had delivered a stimulating lecture on the current state of English.

The lecture was mainly arranged for the fresh batch of Semester I students to give them an overview of English language,

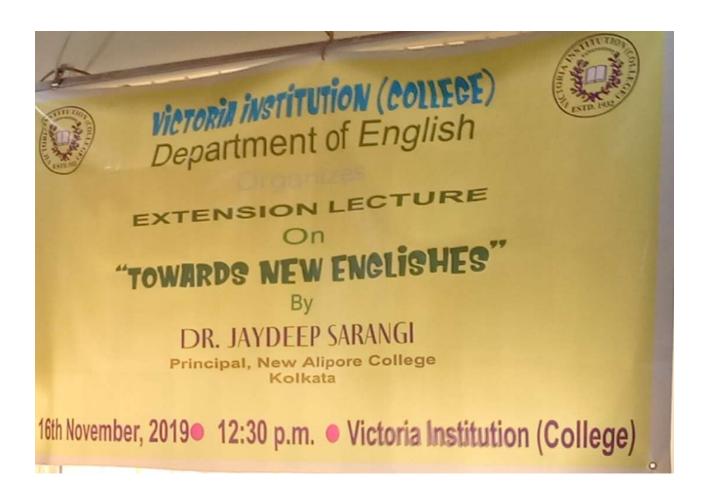
from its very inception to its present usage in the contemporary world.

The lecture was both informative and interesting, as was the topic. Besides, Dr. Sarangi's lucid and interactive presentation made the session even more fascinating and relevant for our young English users.



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### Victoria Institution (College), 78-B, Acharya Prafulla Chandra Road, Kolkata-700009





#### Extension lecture On 30.11.2019

A talk was organized by the Department of Economics, Victoria Institution (College) on 30<sup>th</sup> November, 2019 covering two topics

**Current CBCS System** 

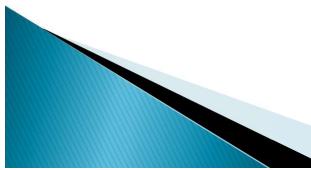
□ Some topics on the theory of Consumer Behaviour.

The invited speaker was Sri Debashis Biswas, Inspector of Colleges, University of Calcutta.

session was chaired The by Principal Madam Dr. Nibedita Chakrabarti, who delivered the welcome address and spoke over the necessity of the lecture. The first part of the session benefitted the faculty members as they were made aware about the newly introduced CBCS system.

The faculty members cleared their doubts about the functioning of the







Sri Debasish Biswas, the inspector of colleges University of Calcutta delivered a lecture on the Theory of Consumer Behaviour for the students of the Economics Department on 30th November, 2019 at the Suniti Sabhaghar of the college. Even after working as an administrator almost for three decades, Sri Biswas still nurtures a keen interest in Economics. He explained the topics of consumer behaviour to the students very lucidly. The students interacted with him after the talk and asked him questions to clear their understanding of this specific part of Microeconomic theory.



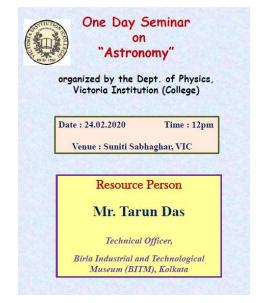
#### <u>Seminar on Astronomy</u> on 24.02.2020

On 24-02-2020 Department of Physics, Victoria Institution (College) had organized a one day Seminar on 'Astronomy' to develop the interest about the space science and its research methodologies especially for the students of pure science.

About **45** students in Physics (H) of Part-3, Sem-2 and Sem-4 along with the students of Chemistry (H) and Mathematics (H) were present in this seminar.

The key note speech addressed by Dr. Nibedita Chakrabarti, principal of our college and a lively audio-visual mode of presentation delivered by Mr. Tarun Das, Technical Officer of Birla Institute of Technological Museum (BITM) have extended the seminar a great success.

Mr. Das elaborate his lecture on the interface between cosmology and astronomy and on some of the experimental methodologies used therein.



His lecture covered evolution of Astronomy starting from the contribution of Indian Astronomers to the present day scenario.

The continuous engagement of all the teaching, non-teaching staff and students of the department of Physics have supported the successful completion of the seminar.



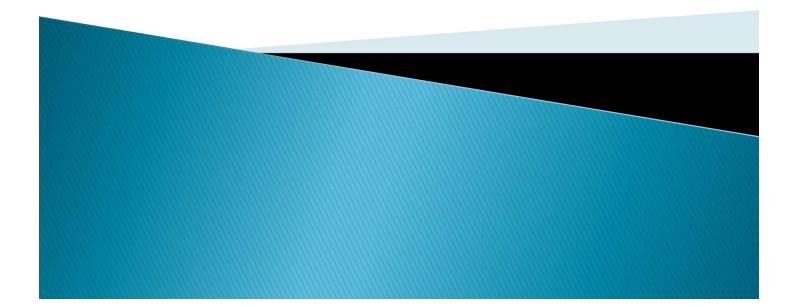


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# Victoria Institution (College)

# 78-B, Acharya Prafulla Chandra Road, Kolkata-700009

# Workshop / Seminar / Conference 2018-2019

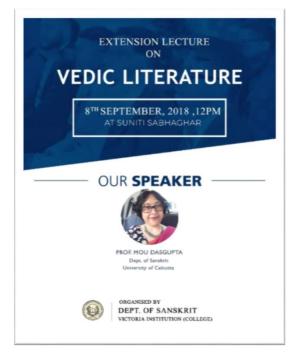


#### Extension Lecture on 08.09.2018

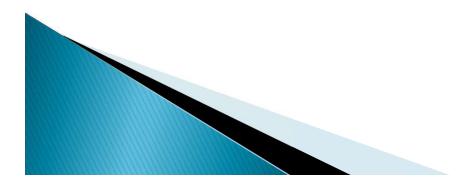
#### An Extension Lecture on "Vedic Literature" has been organized on 8th September, 2018 by the Department of Sanskrit.

25 students of Semester I along with 2<sup>nd</sup> year and 3rd year honours students of the department have participated in the lecture. The lecture has been delivered by Professor Mou Dasgupta, faculty from the department of Sanskrit, University of Calcutta.





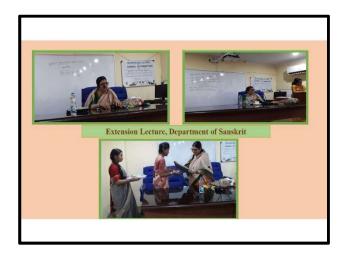
Six teachers of the department have also participated in the programme. The resource person delivered her lecture in a very lucid manner so that students can understand the concept and chronology of Vedic Literature. After the lecture, a question-answer session helped the students to clarify all the doubts. Students participated in the event with great enthusiasm.

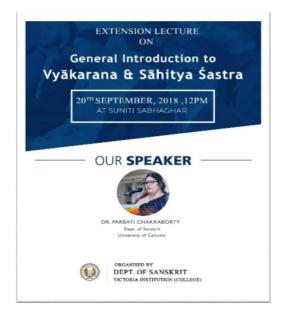


#### Extension Lecture on 20.09.2018

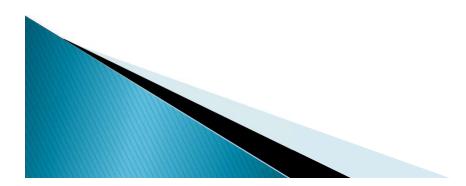
An Extension Lecture on "General Introduction to Vyākaraņa & Sāhitya Śāstra" has been organized by the Department of Sanskrit on September 20, 2018. The lecture was delivered by eminent scholar Dr. Parbati Chakraborty, Professor, Department of Sanskrit, Rabindra Bharati University.

The topic of the Extension Lecture was very interesting to the students and very much relevant to the current syllabus of CBCS system.





The speaker presented a brief outline of the history and content of Sanskrit Vyākaraṇa (Grammar) and Sanskrit SāhityaŚāstra (Poetics) in quite a lucid manner. At the end of her illuminating lecture, few minutes were also spent for the question-answer session, in which the speaker fully satisfied the curiosity of both the students and the teachers.



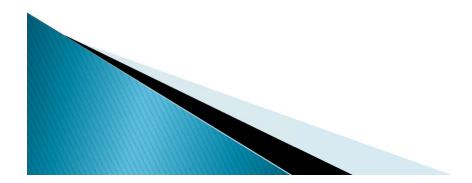
#### Extension Lecture on 10.10.2018

**Department of Economics had invited** Smt. Koyali Burman, a field researcher based in Canada to deliver a lecture on Dialogue Circle: A Model for Community Integration and Development on October 10th 2018. Smt. Burman talked about developing a non-judgemental platform where participants would be able to share their thoughts and experiences freely.





Students as well as the teachers of the department participated in this lecture with great enthusiasm and decided on implementing this model of communication by establishing an interface between various batches of students graduating in Economics from Victoria Institution (College).

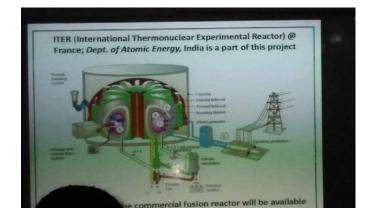


### Workshop on Science Awareness and innovation on 11.10.2018

Dept. of Physics, Victoria Institution (College) have organized a day long workshop on Science Awareness and innovation on 11/10/2018. Scientists from the ANURANAN-Science Awareness, a non-profit Society came to our college to deliver several lectures.

Theme of the pre lunch session was 'Universe and its mysteries', which included three presentations (,'Measuring Cosmos', 'Evolution of Universe with time' and 'Energy options and materials science research') each of 45 minutes duration.

Post lunch there was an one hour long demonstration of some innovative experiments based on the principles of physics with the theme of 'Science into our experience'. These experiments were mainly desk-top models with easily available low cost materials which the students could themselves design and try at home.





various Resource persons of the presentations were Dr. Siddhartha Dechoudhury, Scientific Officer. Variable Energy Cyclotron Center (VECC), Dr. Dirtha Sanyal, Scientific Officer, VECC, Dr. Debashis Bhowmick, Scientific Officer, VECC, Dr. Amit Kumar Jana, who is now engaged in a project called 'popularisation of science education' for school and college students and teachers through hands experiments which are short, simple and low cost under the guidance of Prof. H. C. Verma, IIT, Kanpur and Dr. Bidhan Kumar Bhaumik Secretary , 'ANURANAN-Science Awareness' society.

Near 40 students of our department have participated in this day long programme and enjoyed it thoroughly. They were highly motivated in carrying out new experiments by themselves.



#### AnuranaN - Science Awareness

A registered Society under West Bengal Act XXVI of 1961 (Registration No. S/2L/42269 of 2015-2016)

To

September 05, 2018

The Principal

Victoria Institution,

Sealdah.

Regards and respects from Auranan for you, the dedicated Teachers, today.

Let me introduce ANURANAN at the very outset.

ANURANAN-Science Awareness, a non-profit Society, has been planned by the Scientists of Bhabha Centre, Kolkata with an objective to interact and inspire students in order to make them passionately curious about Science which would hopefully make them much attentive to studies.

At college level, for the students of physics, we have made a day long program with three presentations, each of duration 45minute, before lunch : one on 'Measuring Cosmos', second on 'Synthesis of elements in Universe and its mysteries' and the third on 'Energy Options and Materials Science Research'. Post lunch, there will be one presentation of duration 1 hour under the title 'Our school days' in which simple experiments will be shown to demonstrate some principles of physics in an interactive manner.

We have already conducted science programs at Narendrapur R.K.Mission Residential College, for physics students, at Lady Brabourne College for B.Sc students, at Guru Nanak Institute of Technology, Sodepur for B.Tech students, APC College, New Barrackpore, Charachandra College, Lake Road, Kolkata; Bejoy Narayan Mahavidyalay, Itachuna, Hooghly; Gobardanga Hindu College, Gobardanga, 24 Pgs.(N); Dinabandhu Mahavidyalaya, Bongaon for B.Sc students in general, Kaliyaganj College, North Dinajpur and also at Sovarani Memorial College, Domjur, Howrah.

We are eager to conduct science program for the students of your esteemed College preferably with 100 students in a Hall with the above mentioned plan. Projector and microphone will be needed. Probable date may be 11<sup>th</sup> October, 2018.

Thanking you,

With warm regards,

(Dr.Bidhan Kumar Bhaumik)

Retd. Scientist, Bhabha Center, Kolkata & Secretary, Amuranan Science Awareness Society.

Copy to :

Dr. Shinjinee Das Gupta, Department of Physics.

204, Harsha Tower, 12 A/1 Umakanta Sen Lane, Kolkata 700 030 Ph: +919007522383, +919874989632, e-mail: anuranan2015@gmail.com

## Victoria Institution (College), 78-B, Acharya Prafulla Chandra Road, Kolkata-700009 First lecture of the 4<sup>th</sup> series of Extension Lecture (Dec, 2018 - Mar, 2019) On 04.12.2018

In continuation with the previous years, the department of Political Science organised the 4<sup>th</sup> Series of Extension Lecture from December 2018 to March 2019, with financial assistance from the Indian Council of Social Science Research, Eastern Regional Centre, Kolkata.

The inaugural lecture was delivered by Professor Sobhanlal Dattagupta, former Surendranth Banerjee Chair of Political Science, University of Calcutta on December 4th 2018 on the evolution of the idea of state, its transformation from the liberal to neoliberal. Professor Dattagupta began by outlining the transition by earmarking the major historical moments which entailed changes across polity, economy and society. Beginning with a brief overview about the pre-modern era state (absolutist), Professor Dattagupta delved into the question of political modernity. The emergence of modern state was thus placed within the ambit of factors like separation of state from religion (idea of secular), separation between state and government, constitutionalism, republicanism, citizenship etc. Emergence of the liberal (modern) state also facilitated the birth of the political economy capitalist which soon confronted a crisis of its own making. Liberal state thus got mired into its first crisis as a result of the capitalist boom and was left with no choice but to evolve and transform its nature to what came to be known as the 'new-liberal state'. The ideas of Locke made a natural progression towards the ideas of Bentham, Mill and Laski, Hobhouse later.



The new liberal state did away with the restrictive idea of the state (the concept of negative liberty) and remodeled state as the ultimate provider of welfare measures to the teeming million thus giving flesh to the concept of social-welfarism. Soon social welfarism was found to be faltering on the threshold of development induced growth which resulted once again in upholding the magic like role of 'capital'. Political theorists like Friedrich Hayek, Milton Friedman, Robert Nozick etc. ushered in the idea of neoliberalism which once again put reason on the virtue of 'rolling back of the state'. Thus the transformation of state from new-liberal to neoliberal saw the simultaneous emergence of an exclusionary, transactional and a purely economic state.

#### <u>Second lecture of the 4<sup>th</sup> series of Extension Lecture</u> (Dec, 2018 - Mar, 2019) On 08.12.2018

The second lecture of the series was delivered by Professor Shibashis Chatteriee of the department of International Relations, Jadavpur University on the evolution of the idea of citizenship on December 8th, 2018. Professor Chatterjee began by addressing the notion of citizenship from the perspective of identity, statehood, entitlements and individual rights. He thereafter outlined the evolution of the concept of citizenship, beginning with the Greek-Roman period to the times of Machiavelli, Montesquieu, Rousseau to that of Bodin and Hobbes. The journey of citizenship to a highly legal concept revolving around the state authority and its people(citizens) was elaborated sufficiently. A good part of the lecture elaborated on the collapse of the feudal order in Europe and the advent of mercantilism which in turn shaped the modern notion of citizenship to a substantial degree.

The relationship between the modern notion of citizenship and individualism was highlighted as was the fundamental shift which was visible - people were becoming active participants in the order of things, from merely remaining passive recipients.

Having outlined the evolution of the concept, Professor Chatterjee raised the issue of citizenship being a technique attempting to bring about a leveling across population groups. Citizenship, he said, tries to balance out over multiple layers of identity; it subsumes all other identities into its fold of state identity alone. The question which he raised therefore was that, whether citizenship is sturdy enough to hold disparate multiple identities together? Thus. fundamental questions about the project of citizenship were being raised from different political positions like the multiculturalists, the feminists, the neo-republicans and the debate between the advocates of globalization and cosmopolitanism versus restricted citizenship.



#### <u>Third lecture of the 4<sup>th</sup> series of Extension Lecture</u> (Dec, 2018 - Mar, 2019) <u>On 25.02.2019</u>

The third lecture was delivered by Professor Dipankar Sinha from the department of Political Science, University of Calcutta on 25<sup>th</sup> February 2019. Professor Sinha, began addressing the issue by placing the question within the constitutional ethos of a harmonious relationship between the legislature, executive and judiciary branches of the Indian government and that of an emerging psycho-sociological trend among India's population that the judiciary is alone capable of greater and effective empathy than the executive and legislature. While the former assertion is an institutional/legal truth, the later observation is reflective of the political behavior of the Indian citizenry, and it is therefore within this theoretical space between the two positions that the question / enquiry / reflection about a pro-active judiciary, its efficacy arises. Professor Sinha very effectively, classified the tumultuous relationship between the judicial arm of the state and its executivelegislative counterpart into four periods, namely: phase of establishment (1950-1967); period of friction (post 1965 – death of Nehru); period of judicial rehabilitation (1978-1989) and period of consolidation and image enhancement. Major trends evident during the above mentioned periods were / are a result of the workings of the state, prevalent politics and democracy.



The first period, the Nehruvian era made parliament as the chief custodian of the constitution. It is this period when the provision of judicial review was introduced and also saw the famous case of A.K. Gopalan (1950), Bela Banerjee versus state of West Bengal which are instructive about this period's trend. Judiciary played its prescribed role but remained subservient to the legislature and executive. Post Nehru era, brought Indira Gandhi at the helm and in terms of her relationship with the judiciary this period has been rightly named as the period of friction (1967 Onwards). 42<sup>nd</sup> amendment of the Indian constitution, Keshuvananda bharati case, R.C. Cooper case etc. very rightfully are instructive of the high-handedness displayed by the executive vis-à-vis the judiciary of India. The period of judicial rehabilation (1978-1989) was a period which introduced an extremely significant and critical element in legal affairs, the Public Interest Litigation. It is PIL which was regarded by the citizens as a democratic tool in the hands of the common man, to be used timely and often against any infringement of rights guaranteed by the constitution. On the other hand, this paved the way for the judiciary to become proactive. The last period beginning from 1989 marked a shift. Judicial activism moved from being legal to being highly opinionated, politicized and ideological.

#### Fourth lecture of the 4<sup>th</sup> series of Extension Lecture (Dec, 2018 - Mar, 2019) On 01.03.2019

The fourth lecture was delivered by<br/>ProfessorTapanKumarChattyopadhyay, former professor at the<br/>departmentofPoliticalScience,University of Calcutta on March 1st 2019.Professor Chattyopadhyay had divided his<br/>lecture into two parts; he began by<br/>presenting Gandhi's critique of the modern<br/>state and then went on to outline Gandhi's<br/>idea of an ideal state.

Gandhi's critique of the modern state rested on its impersonal, extremely technocratic – bureaucratic nature, amoral stance, surveillance which together muzzles the spirit of community based living of an individual. Modern state according to Gandhi was also fraught with a mechanical relationship between authority and the citizens which scuttled all kinds of individual growth. The second part of the lecture was a veritable revisiting the seminal text, the Hind Swaraj, wherein Gandhi had presented his idea of an ideal state. Larger share of the people in decision making, the concepts of self rule and enlightened anarchy, emphasis on man being a moral being and not merely a legal being were highlighted in the second half. The lecture was drawn to a closure with a brief discussion about the various ways Gandhi scholars have viewed him and his relevance in modern day politics.

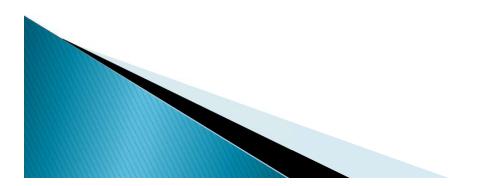


#### Fifth lecture of the 4<sup>th</sup> series of Extension Lecture (Dec, 2018 - Mar, 2019) On 15.03.2019

The fifth lecture was delivered by Professor Manabi Majumdar of the Centre for Studies in Social Sciences, Kolkataon March 15<sup>th</sup> 2019.

Professor Majumdar began by elaborating independently the notions of power, authority and legitimacy, and then went on to weave their inter-relationship in its various nuances. The main elements of her lecture rested on the traditional definition of power (Hobbesian); various faces of power (decision making, agenda setting and thought control); the double faced nature of authority, sources of legitimacy; Max Weber's classification of authority etc. her lecture made a very special reference to the ways in patriarchy utilizes power and here she mentioned the work of Naira Kabir and her concept of power within and power over. Professor Majumdar concluded by saying a few words about the way, power – authority - legitimacy, as an inter-relational concept has been viewed by Michel Foucault.





#### Sixth and Final lecture of the 4<sup>th</sup> series of Extension Lecture (Dec, 2018 - Mar, 2019) <u>On 25.03.2019</u>

The final lecture of the series was delivered by Professor Pradip Basu of the department of Political Science, Presidency University on March 25th 2019. Professor Basu presented an extremely compelling and graphical view of the various phases, aspects and characters of the Naxalbari movement which according to his opinion had an everlasting impact on Indian politics. Beginning with the inner party struggle within the folds of communist movement centering around the question of ideology to the eventual split in the communist party, the irreconcilable differences which actuated the split to the various stages of the Naxalbari movement, the positional difference between the debatists and the activists (based on the work of scholar Sanjay Seth) were dwelt upon by Professor Basu. He concluded by effectively pointing out and explaining the positive as well as negative impacts that the said movement had on Indian politics.

He categorized the natural tendency to militancy and anarchism, lack of proper understanding of the rural political economy of Indian rural population, a fuzzy notion of class and caste dimension of the Indian rural populace as major drawbacks and elemental flaws of the movement.

On the other hand, professor Basu enlisted the following as the positive contributions which the movement made for posterity, they being: it presented an alternative to electoral and vote bank politics; the question of poverty received the importance which was long overdue, and the politics of selflessness and sacrifice.It was this lecture, which was followed by а documentary film screening for the students so that it not only helps them appreciate the issue of Naxalbari better but also exposes them suitably to the politics of representation in a very elementary manner. The documentary film that was screened was based on the polemic radical left leader, poet and columnist Saroj Dutta. The title of the film was 'S.D.: his Life and film screening Times'. This was financially supported by the college.

All the lectures were followed by extensive rounds of deliberation which saw an unprecedented participation of the students, faculty members of the department of political Science and also from other departments.



#### Extension Lecture on 27.03.2019

On 27th of March, 2019, Wednesday, Professor Subir Ranjan Bhattacharyya, former Professor Department and Head, of Philosophy, University of Calcutta, visited department of Philosophy as a resource person to speak on Immanuel Kant, the eminent German Philosopher, for the benefit of the students.

Professor Bhattacharyya is a notable person in the field of Philosophy.



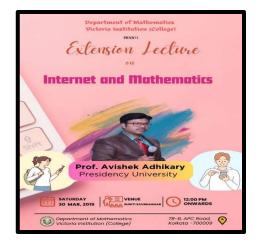


He, however concentrated on The Critique of Pure Reason-the book of repute by Kant. In this book Kant aims to show the limits of what can be known by theoretical reason, and his strategy depends on a distinction between 'phenomena,' objects as we experience them, and 'noumena', i.e., objects as they exist in themselves. He confined his conclusions to the world of experience; Kant can meet the threat of skepticism and put natural science on a firm foundation. The lecture was followed by a question answer session. Around fiftyfive students attended the programme



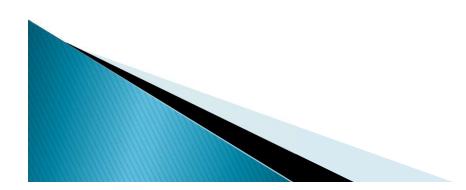
#### Extension Lecture On 30.03.2019

Department of Mathematics arranged an Extension Lecture by Prof. (Dr.) Avishek eminent Mathematician, Adhikary, an Presidency University on 30.03.2019 at Suniti Sabhaghar. It was a captivating event that brought together academia and curiosity. With intriguing "Internet the topic of and Mathematics," Prof. Adhikary skillfully navigated through the intricate relationship between these two domains, shedding light on how the internet has transformed mathematical research, communication, and education. The thirty-five students in attendance were not only passive listeners but active participants, engaging in thought-provoking discussions and posing insightful questions to the esteemed speaker.





The Extension Lecture served as a platform for intellectual exchange and learning, where students had the unique opportunity to interact directly with a renowned mathematician and gain firsthand knowledge from his experiences and expertise. It was an enriching experience that broadened and inspired horizons а deeper appreciation for profound the connections between mathematics and the digital world. The topic was "Internet and Mathematics". Thirty five students got the opportunity to interact with the speaker and were enriched by his thoughts and views.



### <u>Seminar and Extension Lecture on</u> <u>'BIODIVERSITY: IN CONTEXT WITH</u> <u>MAN-ANIMAL CONFLICT' on 24.04.2019</u>

A Seminar and Extension Lecture on 'BIODIVERSITY: IN CONTEXT WITH MAN-ANIMAL CONFLICT' was organized by the Department of Zoology on 24.04.2019.

Conflict between humans and animals is one of the main threats to the longterm survival of some of the world's most iconic species.

Honorable speaker of the seminar was Dr. Kuladeep Roy, WWF, India.





20 students of 3rdyear (Hons) and21 students of Sem1 (Hons) of 2019 and 5, faculty members of the department were present.

All the participants were enriched with this burning scenario of Man-Animal conflicts in the eastern Himalayas, it's implications and long-term ecological impacts.

