

ASUTOSH COLLEGE

92, S.P.MUKHERJEE ROAD, KOLKATA - 26

STATOSPHERE LOUL

A Students' Seminar

Organised By

DEPARTMENT OF STATISTICS

in association with

IQAC, ASUTOSH COLLEGE

September 3rd, 2022 at 11:00 A.M.

Venue: Seminar Hall Centenary Building, Asutosh College



ASUTOSH COLLEGE

92, S. P. MUKHERJEE ROAD, KOLKATA - 700026

DEPARTMENT OF STATISTICS
IN COLLABORATION WITH
IQAC, ASUTOSH COLLEGE
PRESENTS

STATOSPHERE

2022

STUDENTS' SEMINAR

DATE: SATURDAY, SEPTEMBER 03, 2022

TIME: 11:00 AM

VENUE: SEMINAR HALL, CENTENARY BUILDING,

ASUTOSH COLLEGE

STATOSPHERE 2022 - STUDENTS' SEMINAR

Organized by Department of Statistics in collaboration with IQAC, Asutosh College

Date: September 03, 2022

Time: 11:00 AM

Venue: Seminar Hall, Asutosh College Centenary Building

The 5th Semester students of Statistics (Honours) were divided into 8 groups. Each group presented a topic on their choice.

Organizing Committee:

Convenor - Dr. Shirsendu Mukherjee

Members – Dr. Dhiman Dutta, Dr. Sankha Bhattacharya, Dr. Parthasarathi Bera, Smt. Oindrila Bose

Groups and Topics:

Topic: Pearsonian Distributions

Members: Ananya Paul, Srijani Majumder, Soumik Dash, Sobhon Barman, Sohan Ghosh, Sahil Dutta

Topic: Indirect Sample Survey: Warner's Method (Randomised Response Technique)

Members: Arnab Das, Bishal Paul, Dipayan Chatterjee, Ritam Saha, Sayan Ghosh, Souridya Dey

Topic: Statistical Paradoxes

Members: Sannidhya Das, Souraj Chakraborty, Asmita Mallick, Souhardya Das, Madhusnata Kar, Alisha Khan

Topic: Laplace's Rule of Succession

Members: Kathakali Sardar, Soumi Das, Anushka Saha, Shreya Dutta, Madhushree Rana, Amrita Chakraborty.

Topic: Snowball Sampling

Members: Shubhankar Ghosh, Subham Maity, Shirsha Ghosh, Soumili Ghosh, Partha Mete, Sujon Palit, Olivia Sengupta

Topic: Gini's Coefficient

Members: Shreejoyi Ghosh, Ritwick Das, Tapojit Bhattacharjee, Sampriti Dey, Subham Sarkar, Aratrika Nandy.

Topic: Decision Tree in Machine Learning

Members: Ruptanuka Mukherjee, Sneha Chatterjee, Anindita Bag, Twisampati Mondal, Rohan Karmakar, Sayantan Dey, Soumojit Biswas

Topic: Time Series Analysis using ARIMA Model

Members: Avisikta Das, Aritra Paul, Reshmi Das, Sagnik Basak, Anwesh Bhattacharya, Souhardya Dey













ASUTOSH COLLEGE

92, S.P.MUKHERJEE ROAD, KOLKATA - 26



In loving memory of Prof. Chittaranjan Basu You are invited to the Inauguration of the

C. R. Basu Memorial Computer Laboratory, Department of Physics

GRAND OPENING



INAUGURATOR:

PROF. SAUGATA ROY

Hon'ble Member of Parliament Governing Body President, Asutosh College Retired Professor in Physics, Asutosh College

9th

ORGANIZING COMMITTEE:

- Prof. Apurba Roy, Vice Principal, Asutosh College
- · Dr. Manas Kabi, Bursar, Asutosh College
- Dr. Sriparna Datta Ray, Coordinator, IQAC, Asutosh College
- Dr. Amit Kumar Bhattacharjee, Convener & H.O.D., Dept. of Physics

SEPTEMBER, 2022 FRIDAY

TIME: 02:00 P.M.

Detailed Report

The Department of Physics, Asutosh College has inaugurated its recently built computer laboratory dedicated to the memory of legendary academician Prof. Chittaranjan Basu on 09/09/2022. The required data are presented below:

Name of the Dept. - Physics

Date & Day $- \frac{09}{09}/\frac{2022}{2022}$, Friday.

Name of the seminar/webinar/workshop – Inauguration of C.R.Basu Memorial

Computer Laboratory.

Inaugurated by Prof. Saugata Roy.

The organising committee :-

- 1) Dr. Amit Kumar Bhattacharjee (convener),
- 2) Dr. Surjya Sarathi Bhattacharyya & Dr. Manorama Chatterjee (Joint convener),
- 3) Mr. Somnath Das (Flyer Preparation),
- 4) Dr. Parikshit Dutta (Event Organizer),
- 5) Dr. Aditi Das (Joint Event Organizer),
- 6) Participants Students of Semester 3 & Semester 5 (Honours).

YouTube Link - No. It's an offline initiative.

Brief summary of the event:

The computer laboratory was inaugurated by our Honourable guest Prof. Saugata Roy in the presence of Prof. Apurba Roy (Vice Principal), Dr. Manas Kabi (Bursar), Prof. Rina Kar Dutta (Teachers Council Member), Dr. Sriparna Datta Roy (IQAC coordinator) and Prof. Sajal Bhattacharya (Academic sub-committee member), alongwith the faculty members of the Department, Prof. Bikash Chandra Pal (Retired Prof. And Ex-colleague of C.B.) and **50** student participants of the 3rd and 5th Semester Honours. The event initiated as Prof. Roy offered flower petals on the still photoframe of C.B. followed by curtain raiser of huge 5x7 ft long memorial of Prof. Basu. Prof. Roy visited both the labs, interacted with the students, learned about the recent scientific advances in Physics UG syllabus in the new CBCS curriculum, followed by a short visit to the Honours Laboratory before leaving us for the day. In his inaugural speech, Prof. Roy highlighted the importance of Application of Computational Physics for career progression in higher academics as well as a short rememberance of Prof. Basu.

A few memories of the day are attached.





(a) Welcoming Prof. Saugata Roy by Dr. Aditi Das;(b) Discussion about Prof. C.R. Basu with Prof. M.Kahali and Prof. M. Kabi

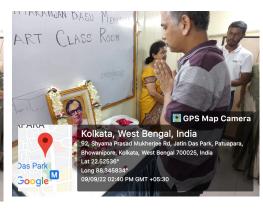




Offering by Prof. A.K. Bhattacharjee (HoD) and Prof. B.Pal (Retd. Prof.)





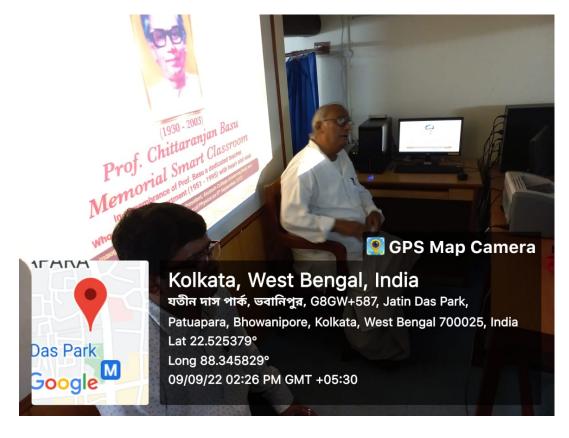




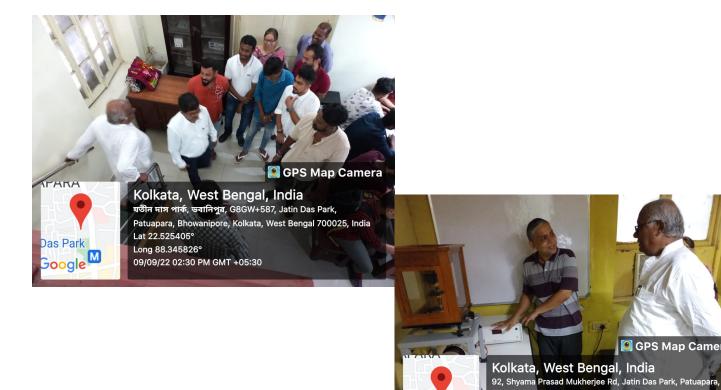




Offerings by Professors A. Bose, P. Dutta, S.S. Bhattacharyya, M. Kahali, A. Das and Students



Prof. Roy interacting with faculty & students



Laboratory Visit

GPS Map Camera

Bhowanipore, Kolkata, West Bengal 700025, India Lat 22.525293°

Long 88.34584°

09/09/22 02:35 PM GMT +05:30

REPORT ON POSTER PRESENTATION COMPETITION-DEPARTMENT OF PSYCHOLOGY

Date: 10.09.2022

Time: 12 p.m onwards

Venue: Centenary Building, Asutosh College

Theme: World Suicide Prevention Day

Co-ordinated by: Dr. Rimjhim Ray & Dr. Jhuma Mukherjee

Guest of honour: Dr. Sajal Bhattacharya (Assoct. Prof, Department of Zoology, Asutosh

College)

Dr. Abhik Kundu (Assoct. Prof, Department of Geology, Asutosh College)

Dr. Tinni Dutta (Asst.Prof, Department of Psychology, Muralidhar Girls' College)

To the pillar of strength, whose presence will be remembered forever and whose contribution as a "Friend-Philosopher-Guide" will always be cherished...



Lt. Dr. Pooja Chatterjee

Overview: The event started with felicitating the honorary guests followed by some enlightening speech by them. Then students were called up in groups to present their posters starting with semester V and then semester III. Department was glad to have in the **Judges** Panel **Dr. Tinni Dutta**, **Prof. Somlata Acharyaa Chowdhury and Prof. Sneha Dutta** (**Department of BBA, Asutosh College**). Students came up with the most creative posters and innovative way of presenting them by singing, dancing, role playing and shared their knowledge, personal encounter with mental health issues, suicide prevention, possible causes, warning signs and awareness. Though all the judges faced extreme difficulty in deciding the best performers, it was unanimously agreed upon who the winner was. One group from semester V was declared winner followed by two groups from semester III as 1st and 2nd runners up respectively. Apart from this, few special prizes were decided upon depending on individual performances. Memento and certificate of appreciation were handed over to them by Dr. Tinni Dutta.





Preparation



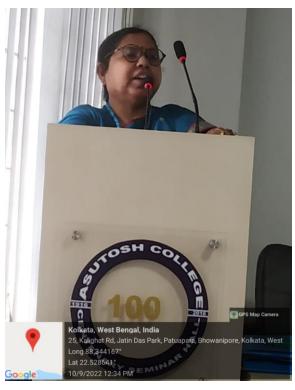




Dr. Sajal Bhattachaya



Dr. Abhik Kundu



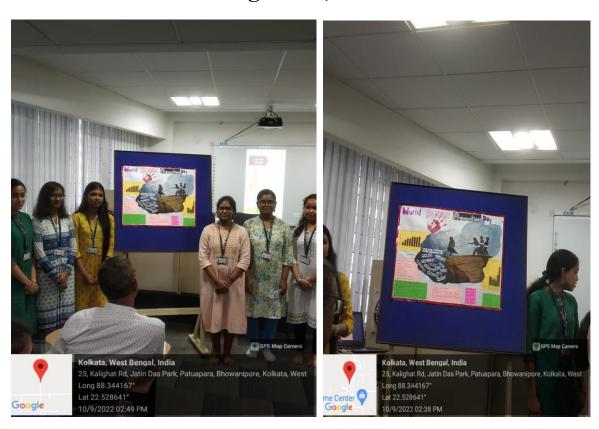
Dr. Tinni Dutta



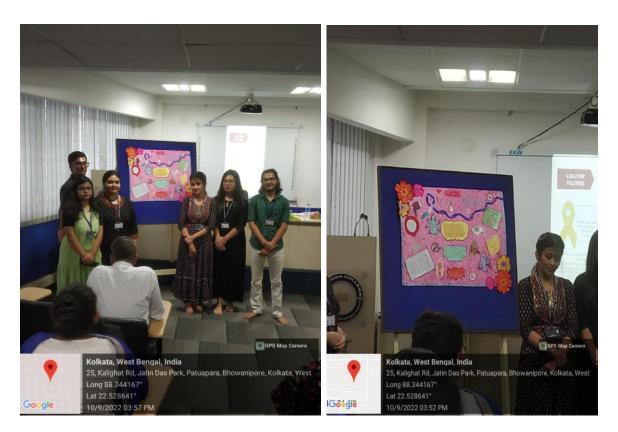
Judges



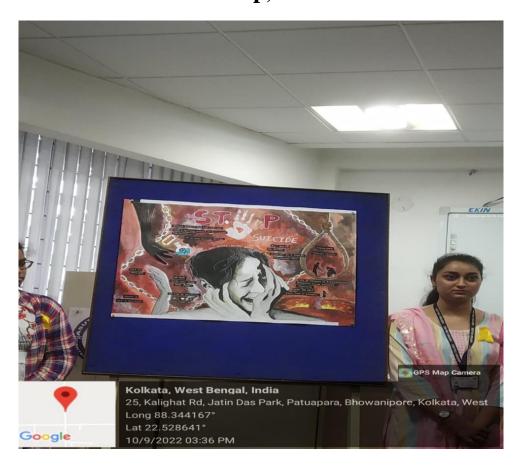
Winning Team, Semester V



1st Runner Up Semester III



2nd Runner Up, Semester III

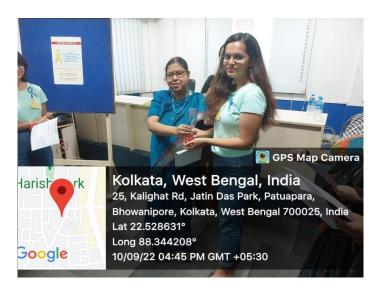




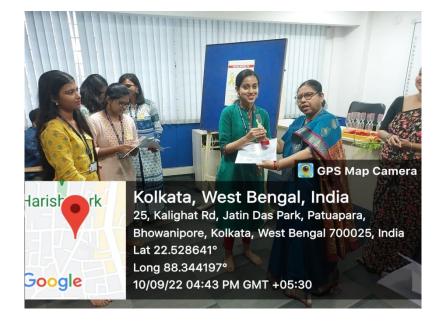
Department of Psychology

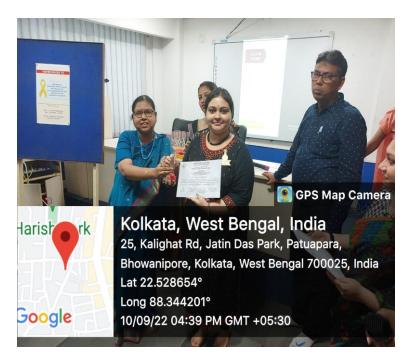
Prize Distribution Ceremony

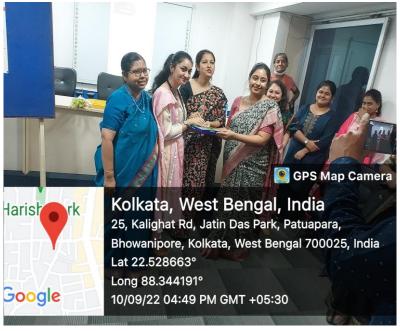


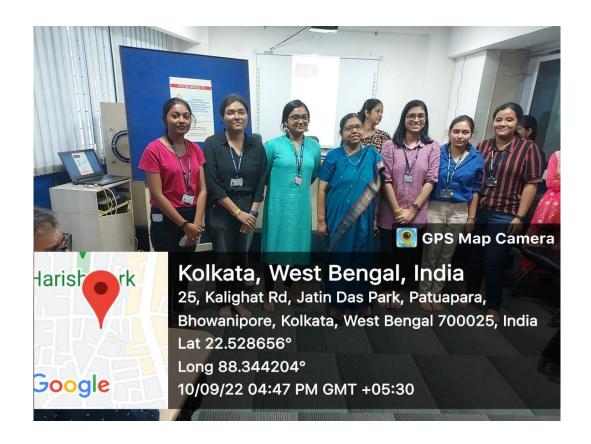














92, S.P.MUKHERJEE ROAD, KOLKATA - 26

"Prof. Chittaranjan Basu Memorial Lecture"

APPROXIMATIONS : AN ALGORITHMIC WAY TO SOLVE PROBLEMS

Organised By

DEPARTMENT OF PHYSICS

in collaboration with

IQAC, ASUTOSH COLLEGE

Guest Speaker:

Prof. Saugata Bhattacharyya

Alumnus of Physics Department & Assistant Professor, Vidyasagar College

Guests of Honour:

- Mrs. Sanjukta Mazumdar (Daughter of C.B.)
- Mr. Anirban Mitra, Alak Kr. Mitra,
 Pradip Kr. Mitra (Relatives of C.B)
- Prof. Sudhindranath Banerjee, Prof. Mainak Gupta & Prof. Bikash Pal (Ex-colleagues of C.B.).

September 16th, 2022 at 12:00 Noon

Detailed Report

The Department of Physics, Asutosh College has organized Prof. Chittaranjan Basu Memorial Lecture on 16/09/2022. The required data are presented below:

Name of the Dept. - Physics

Date & Day – 16/09/2022, Friday.

Name of the seminar/webinar/workshop – Prof. Chittaranjan Basu Memorial Lecture.

President: Prof. Apurba Roy

Guests of Honour: (1) Daughter & Relatives of C.B.

- (2) Ex-Colleagues of C.B.
- (3) Ex-students of C.B. including Guest Speaker

Prof. Saugata Bhattacharyya, Vidyasagar College.

The organising committee :-

- 1) Dr. Amit Kumar Bhattacharjee (Convener),
- 2) Dr. Surjya Sarathi Bhattacharyya & Dr. Manorama Chatterjee (Joint Convener),
- 3) Mr. Somnath Das (Flyer Preparation),
- 4) Dr. Parikshit Dutta (Event Organizer),
- 5) Dr. Aditi Das (Joint Event Organizer),
- 6) Participants Students of Semester 3 & Semester 5 (Honours).

YouTube Link - No. It's an offline initiative.

Brief summary of the event:

The event presided by Prof. Apurba Ray (Vice Principal) initiated by offering of flower petals on the still photoframe of C.B. by all faculty members of the Department, Daughter & relatives of Prof. Chittaranjan Basu (C.B.), Ex-colleagues of C.B. Prof. Sudhin Banerjee, Prof. Mainak Gupta and Prof. Bikash Pal, Ex-students of C.B., Dr. Sriparna Datta Roy (IQAC coordinator) and Prof. Sajal Bhattacharya (Academic sub-committee member). 80 students of the 3rd and 5th Semester Honours participated in the event. Prelude to the event all guest of Honour visited the Laboratory, interacted with the students, learned about the recent scientific advances in Physics UG syllabus in the new CBCS curriculum. In the inaugural speech, Prof. Ray enlightened us on the life of C.B. which were followed by Relatives of C.B. and Ex-colleagues of C.B. We learned many unknown facts about his devotion in shaping of this Department, be that in missing out his own child's rice ceremony or being more punctual than a clock in terms of presence in the Department.

A few memories of the day are attached.













(a) Ex-Colleagues and Relatives of C.B.;(b) Welcoming the Guest of Honours by Students













Rememberance of C.B. by Prof. Ray, Prof. Banerjee, Prof. Bhattacharyya, Prof. Mitra, Prof. Gupta and Prof. Pal.







Seminar by Prof. Saugata Bhattacharyya





S.B. Namesakes





Phone: 2455-4504/2486-3912

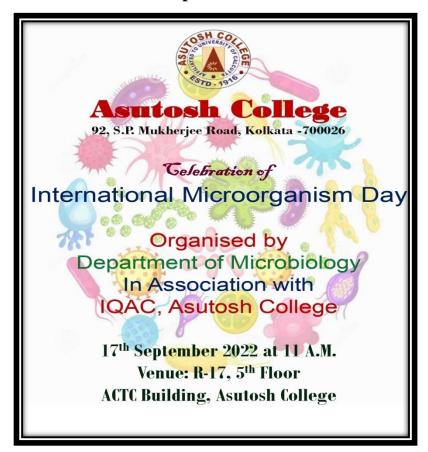
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Report

"International Microorganism Day" Celebration by Students

17 September 2022







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International Microorganism Day was commemorated by Semester III and Semester V under graduate students of Dept. of Microbiology, Asutosh College on 17 Sept 2022, Saturday.

Convener:

Dr. Kuntal Kanti Goswami, HOD, Dept. of Microbiology, Asutosh College.

Organizing Committee:

All Faculty Members of Dept. of Microbiology, Asutosh College.

Summary & Benifit of the Programme:

Students illustrated about any microorganism that starts with the letter of their first name, and they participated with enthusiasm and zeal. The event nurtured young minds and inculcated zeal of knowledge about various microorganisms ranging from virus to bacteria and even fungi, viz. *Salmonella enterica*, *Staphylococcus aureus*, *Aspergillus*, etc. were talk of the day. The competition had revealed in students, a professional approach of presentation and self evaluation skill as well as promotion of active learning and collaboration with peers. Students had displayed their idea in form of posters and short drawings which helped them to bridge a knowledge between theoretical as well as their illustrative thinking. There were a total of 8 participants in the program.

Some Glimpse of the Programme



Participants along with Faculty Members



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Manojit Majmder, Sayan Mondal, Sanjana Saha & Anirneya Basu of Sem V displaying their posters



Swapno Surabhi Sinha & Saptarshi Ghosh of Sem V displaying their poster



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Ayesha Parveen & Debolina Das of Sem V presenting a lecture



Students of Sem III Microbiology



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Microbiology Wall Magazine

Date: 20th September, 2022

Title of the event: 2nd Seminar on Alumnus Lecture Series: Following the

Footprints

Name of the Department: Biochemistry

Organizing Committee: Department of Biochemistry & IQAC, Asutosh

College

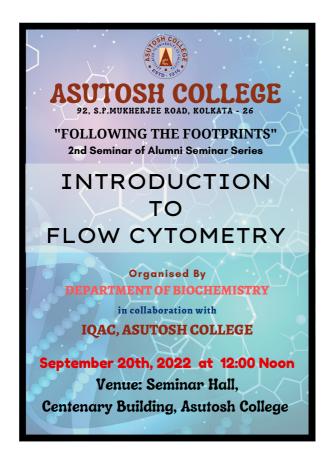
Summary of the event:

The Department of Biochemistry organized it's 2nd Seminar on Alumnus Lecture Series "Following the Footprints". The speaker of the day was Mr. George Banik, Senior Application Specialist, BD Biosciences, Kolkata. He discussed about his journey in his career life and his present designation and responsibilities in the company. He also discussed about the protocol of applying in the company for the students after their graduation/masters. He vividly described the principle, protocol, rationale and the mechanism of instrumentation of Fluorescence Activated Cell Sorting (FACS) techniques.

Benefits/outcome of the initiative for the students:

The sole purpose of conducting the alumni lecture series in the Department of Biochemistry is to encourage the present students to develop meaningful ambitions in the subject areas. The seminar lecture gave an idea to the students about the techniques used in the field of cell biology. The topic discussed by the speaker was also a part of their curriculum. So they developed a vivid idea and concept about the technique discussed. This was an opportunity for the students to interact with their alumnus from their own department. This interactive and encouraging seminar was very much helpful for the students as this helped them to develop visions about the work that can be done after graduation or masters in the subject. This also helped to develop connections for the students to apply in the industries/companies in future.

Photo Gallery







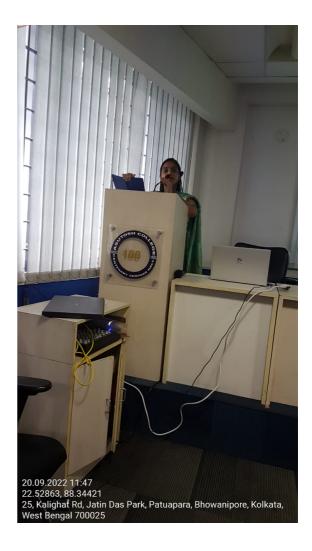










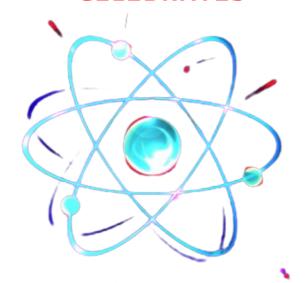






ASUTOSH COLLEGE 92, S.P.MUKHERJEE ROAD, KOLKATA - 26

CELEBRATES



1(0)(0) YEARS

SCIENCE EDUCATION

Organised By

DEPARTMENT OF PHYSICS

in collaboration with

IQAC, ASUTOSH COLLEGE

GUEST SPEAKERS:



PROF. DEBASHIS GHOSHAL

School of Physical Sciences, Jawaharlal Nehru University New Delhi

Title: "Dynamics of an instability in string theory: Lessons from Chemistry and Biology."



PROF. SUBIR SARKAR

Saha Institute of Nuclear Physics Kolkata

Title: "A decade after the Higgs Boson Discovery."

ORGANIZING COMMITTEE:

- Prof. Apurba Ray, Vice Principal, Asutosh College
- Dr. Manas Kabi, Bursar, Asutosh College
- Dr. Sriparna Datta Ray, Coordinator, IQAC, Asutosh College
- Dr. Amit Kumar Bhattacharjee, Convener & H.O.D., Dept. of Physics
- All faculty members of Department of Physics.

September 21st, 2022 from 2 P.M. Onwards

Venue: Seminar Hall, Centenary Building, Asutosh College

Click Here to find us on G-Maps



Detailed Report

To celebrate 100 Years of Science Education at Asutosh College, the Department of Physics, Asutosh College has organized two consequent Seminars on 21/09/2022. The required data are presented below:

Name of the Dept. - Physics

Date & Day – 21/09/2022, Wednesday.

Name of the seminar/webinar/workshop – 100 Years of Science Education at Asutosh College (1922-2022).

President: Prof. Sajal Bhattacharyya

Speakers:

(1) Prof. Debashis Ghoshal (School of Physical Sciences, Jawaharlal Nehru University, New Delhi).

(2) Prof. Subir Sarkar (Saha Institute of Nuclear Physics, Kolkata).

The organising committee :-

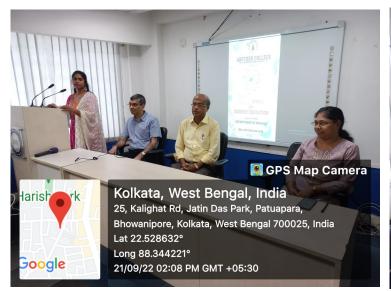
- 1) Dr. Amit Kumar Bhattacharjee (Convener),
- 2) Dr. Surjya Sarathi Bhattacharyya & Dr. Manorama Chatterjee (Joint Convener),
- 3) Mr. Somnath Das (Flyer Preparation),
- 4) Dr. Parikshit Dutta (Event Organizer),
- 5) Dr. Aditi Das (Joint Event Organizer),
- 6) Participants Students of Semester 1,3 & 5 (Physics Honours).

YouTube Link - No. It's an offline initiative.

Brief summary of the event:

The event presided by Prof. Sajal Bhattacharyya, Associate Professor, Department of Botany, Convener, PG Studies, Asutosh College & Academic sub-committee member initiated by the welcome note. Dr. Sriparna Datta Roy (IQAC coordinator) delivered a brief motivational speech. The invited speakers were introduced to the audience by Prof. Parikshit Dutta and Prof. SurjyaSarathi Bhattacharyya. The event was anchored by one of our students Ms. Nupur Sarkar and the Vote of Thanks before closing the ceremony was delivered by the HoD Prof. Amit Kumar Bhattacharjee. More than 100 students of the odd Semester Honours participated in the event.

A few memories of the day are attached.





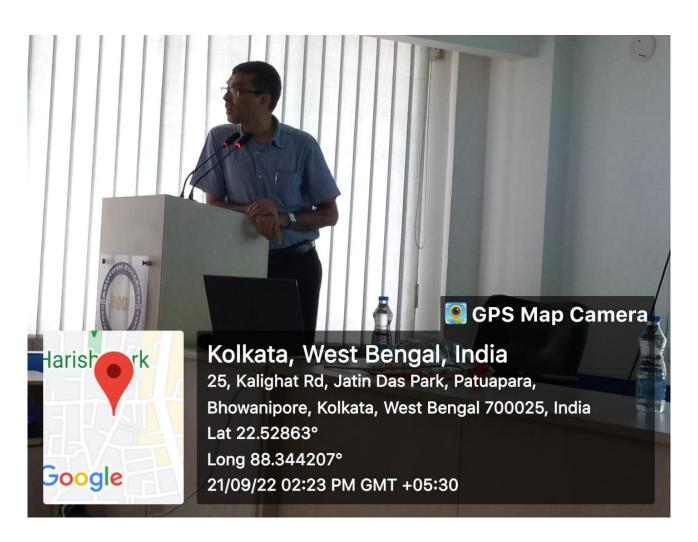


Faculty and student participants

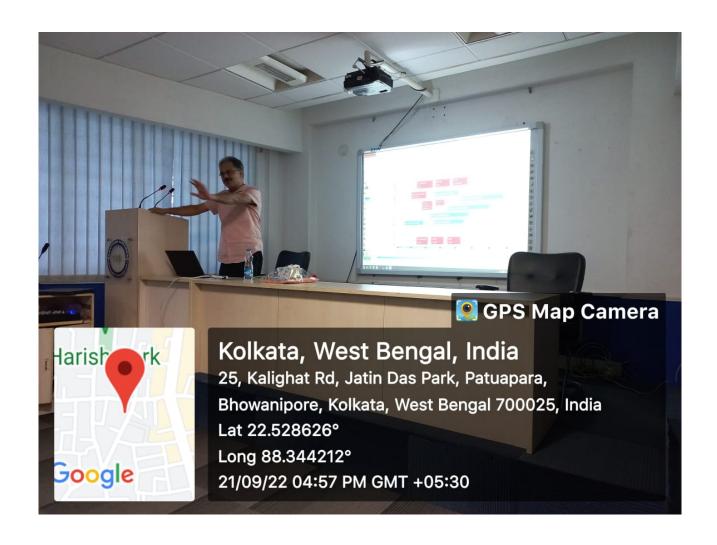




Welcoming the Speakers and the Welcome Note by Prof. Bhattacharyya



Prof. Ghosal from JNU delivering his Presentation



Prof. Sarkar from SINP delivering his Presentation

STUDENTS SEMINAR by Department of Electronics

The department of Electronics organized a student seminar on 23rd September 2022 in the department of Electronics from 12 noon onwards. Senior faculty members of the college Dr. Sajal Bhattacharya, Associate Prof in the Dept of Zoology and Dr. Tapti De, Associate Professor in the Department of History were the chief guests and inaugurated the program. They motivated the young students with their vast experience and knowledge during their short talk. Total 9 number of students presented their topics during the seminar, the list is mentioned below:

SEMESTER & COLLEGE ROLL	NAME OF THE STUDENT	ТОРІС	
III-788	ANKITA PATRA	EEG [ELECTROENCEPHALOGRAM]	
III-321	SOUMYAJIT MUKHERJEE	3D PRINTER	
III-1455	MONIT MITRA	LIFI	
III-1073	BITAN ROY	MOBILE JAMMER	
III-697	AKASH MAITI	WIRELESS CHARGER	
V-501	BAIJAYANTA DAS	BASICS OF ELECTRONICS & ELECTRICITY	
V-897	ANIRBAN DUTTA	BASICS OF DIGITAL ELECTRONICS	
V-265	AUSAF ALAM	ELECTRONIC SKIN	
V-1232	SAGAR SARKAR	EMBEDDED SYSTEM	

The seminar was extremely successful, the students choose their topics beyond their course curriculum and presented with attractive ppt slides. The faculty members of the department unanimously selected the best three speakers and awarded with memento. Some of the photographs taken during the event, are attached herewith.



















Write up:

Pandit Ishwar Chandra Vidyasagar was born on September 26, 1820. The late Sanskrit scholar, writer, educator and philanthropist is known for his work on social emancipation and women upliftment. The 19th-century educationalist and social reformer challenged the thinking of society and brought a change which turns out to be a revolution at every social level. Between 1851 and 1855, Vidyasagar, along with other reformers, opened many schools for women across Bengal. He used his own income to open 35 schools and was able to enroll 1,300 students. He is known not only for his contribution in the field of educational and social reformation, but also for his literary works and contribution in the development of modern Bengali language. One of his popular creations is "Barna Porichay", means introduction to the simplified Bengali alphabet. He was also known as the 'father of Bengali prose'.

To commemorate Pandit Ishwar Chandra Vidyasagar on the occasion of his 203th birth anniversary, teaching, non-teaching staff of Asutosh College and the students gathered at the common room of the college. The floral tribute to Vidyasagar was given by Professor Apurba Roy, Vice- Principal of our college followed by Dr. Rina Kar Dutta, Dr. Sraboni Roy, Dr. Sanchita Sanyal and all the teachers, students present over there. A brief talk was delivered by the Vice-Principal Sir on this special occasion to highlight the significant contribution of Vidyasagar (ocean of knowledge for his outstanding academic performance and brilliance) in the field of educational and social reformation. Vidyasagar strongly believed that everyone irrespective of caste or gender, had the right to education. Michael Madhusudan had given him the epithet 'Dayasagar' or 'Ocean of Generosity' for his selfless altruism. He was also a key figure in Bengal Renaissance. He fought for women education and vigorously challenged the barbaric practice of Child Marriage. He will forever be remembered for his work to Bengalis and the world.

Gallery:













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Report of the Food Distribution Camp

Activity

'Food Distribution Camp for street children', 2022 a philanthropic Activity organized by the department of Mathematics in collaboration with IQAC

Date: 28th September, 2022.

Venue: Rajeshwar Dasgupta Road, Bhowanipore, Kolkata, West Bengal 700025.

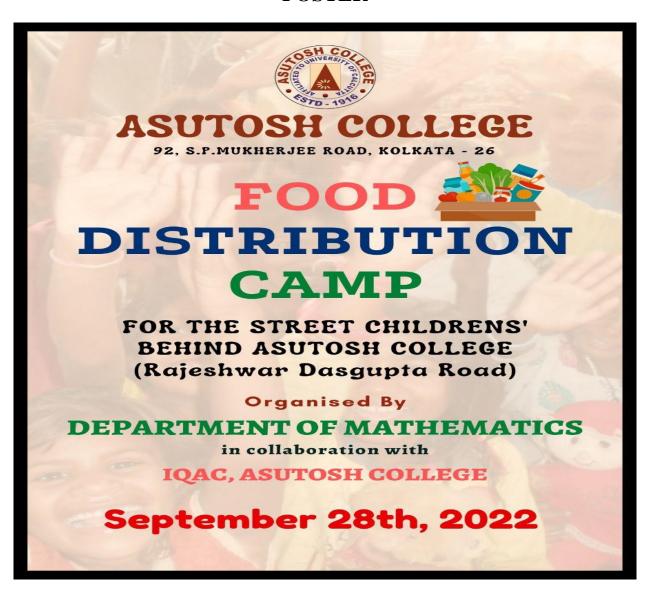


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POSTER





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An account of the activity

The Department of Mathematics, Asutosh College organized a food distribution camp on 28th September, 2022 to distribute food among the street children. The poster for the event is attached above in this report.

The students and the teachers of the department of Mathematics of Asutosh College visited the nearby slum area in the proximity of the college on 27.9.2022 near the Rajeshwar Dasgupta Road, Bhawanipore, Kolkata-700025 to look for poor and needy street children and distributed food coupons among them. There were total 40 children to whom food coupons were distributed. They were instructed to gather behind the college main campus in the Rajeshwar Dasgupta Road on 28.9.2022 at 2 PM with the food coupons. On 28.9.2022 at around 2 PM the food packets containing chicken biryani were distributed to the children. The children were very happy to receive the food packets. Earlier, the students and the faculty members of the departments collected funds to arrange for this event of food distribution. All the activities were done in collaboration with the Internal Quality Assurance Cell (IQAC) of the college. All the students and teachers of the department are really happy to have been able to contribute to the society in whatever small way they could. They are happy to see the little smiling faces. Few pictures of the event is attached below. In future, the department is committed to serve the society with all the resources it has.



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