

**September 2023**

## Detailed Report

To highlight the scope of Physics in industry, the Department of Physics, Asutosh College has organized a *one-of-a-kind* Seminar by an *alumnus* (Batch of 2001) on 05/09/2023. The required data are presented below:

Name of the Dept. - Physics

Date & Day – 05/09/2023, Wednesday.

Name of the seminar/webinar/workshop – IMPORTANCE OF DATA ANALYTICS TO PROVIDE LEGENDARY CUSTOMER EXPERIENCE AND CLOUD COMPUTING.

President : Prof. Tathagata Roy Chowdhury

Speakers : Md. Araf Mir (Data Engineering Group of Toronto Dominion Bank, Ontario, Canada).

The organising committee :-

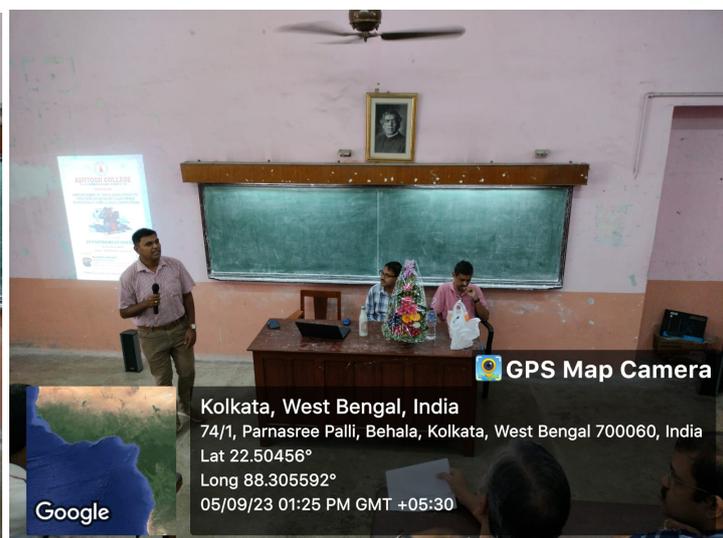
- 1) Dr. Amit Kumar Bhattacharjee (Convener),
- 2) Dr. Surjya Sarathi Bhattacharyya & Dr. Manorama Chatterjee (Joint Convener),
- 3) Mr. Somnath Das (Flyer Preparation),
- 4) Dr. Parikshit Dutta (Event Organizer),
- 5) Dr. Aditi Das (Joint Event Organizer),
- 6) Participants - Students of Semester 1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

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

## Brief summary of the event:

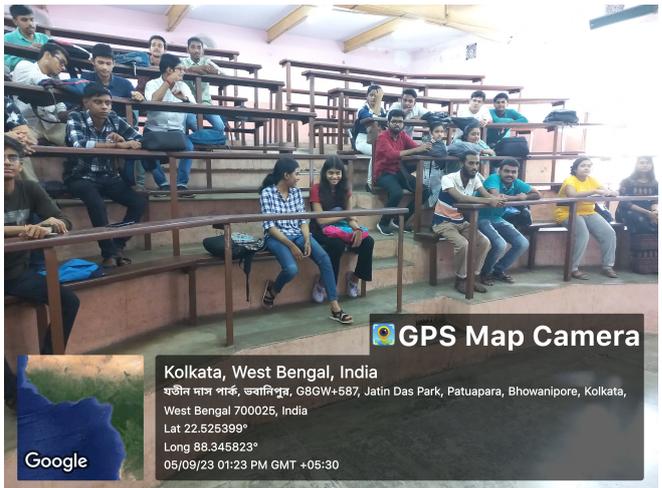
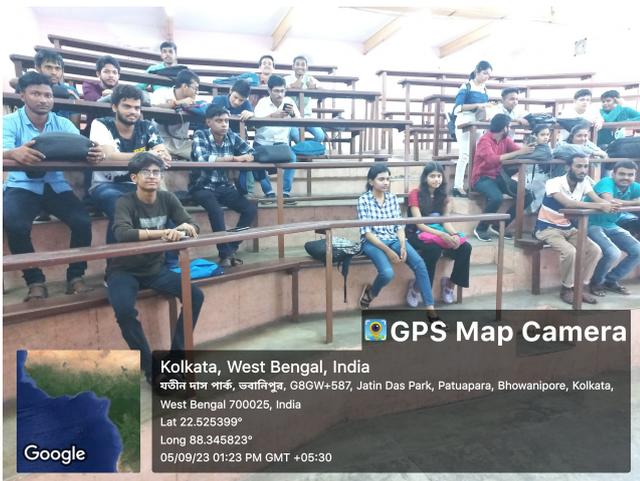
The event presided by Prof. Tathagata Roy Chowdhury, Department of Botany, Asutosh College initiated by the welcome note. Importance of industry-oriented job perspective, the pathway to major breakthrough in an industrial setup as well the role of student internship were highlighted. The invited speaker, who was an alumnus of the Department's 2001 Batch and batchmate of Prof. Surjya Sarathi Bhattacharyya was introduced to the audience by Prof. Surjya Sarathi Bhattacharyya. The event was anchored and the Vote of Thanks was delivered by Prof. Amit Kumar Bhattacharjee. Around **40** students of the odd Semester Honours participated in the event. The event concluded with a live-demonstration of Microsoft's cloud computing and a MCQ surprise test on MS Azure! We expect such phenomenal international exposure of data science in industry can help shape the future of many students who want to explore such opportunities at an International platform.

A few memories of the day are attached.



Welcoming the Speaker and the Welcome Note by Prof. Bhattacharyya & Prof. Roy Chowdhury



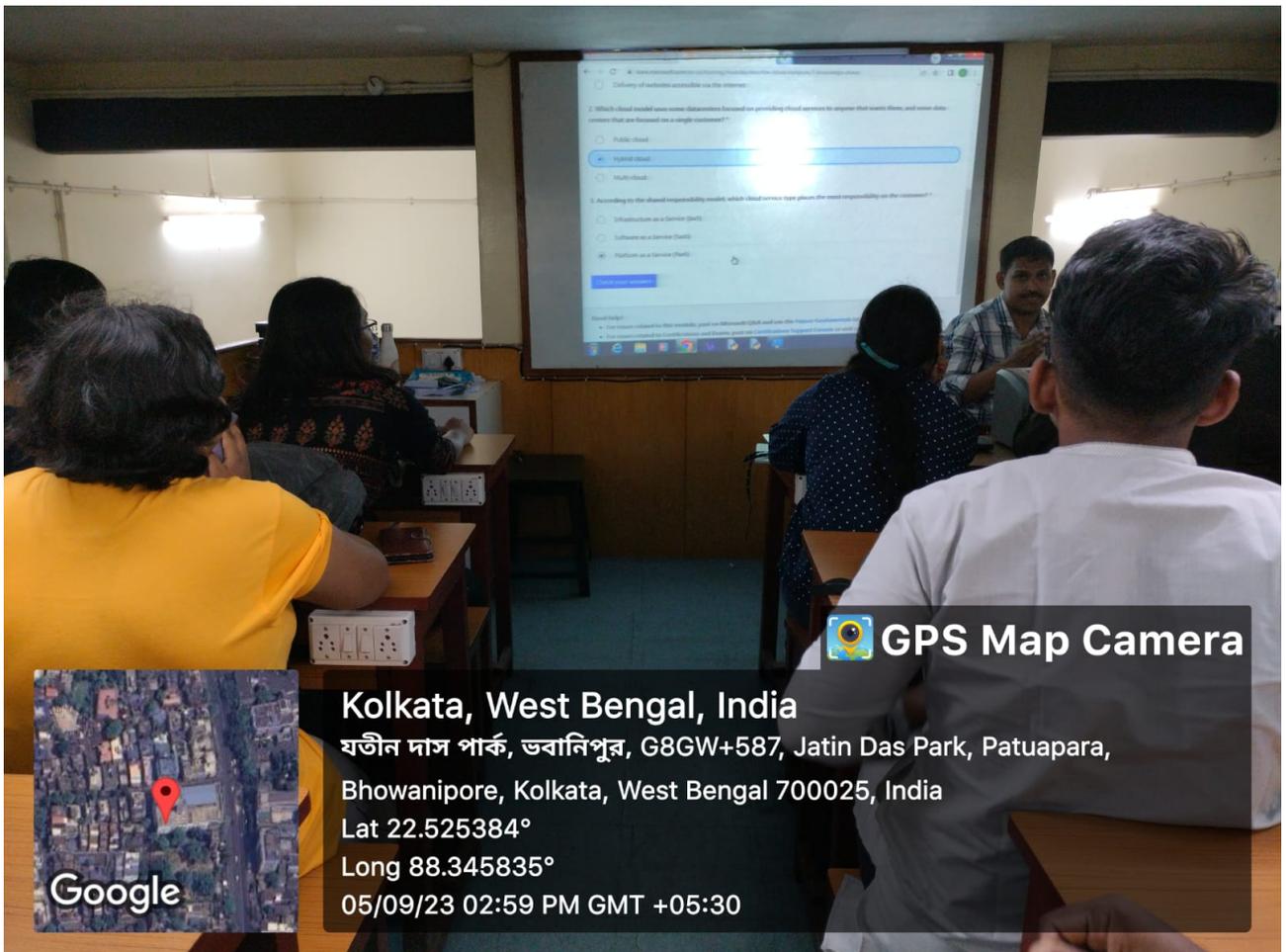


Student Participants of Sem-1 & V



Md. A. Mir delivering his Presentation on Data Analytics and the industrial challenges and his way from academia to industry in India & abroad





 **GPS Map Camera**

**Kolkata, West Bengal, India**

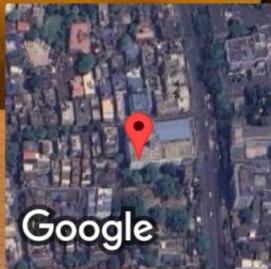
যতীন দাস পার্ক, ভবানিপুর, G8GW+587, Jatin Das Park, Patuapara,

Bhowanipore, Kolkata, West Bengal 700025, India

Lat 22.525384°

Long 88.345835°

05/09/23 02:59 PM GMT +05:30



MCQ Test on Cloud Computing with Live Demonstration of MS Azure



**DEPARTMENT OF STATISTICS IN COLLABORATION WITH  
INTERNAL QUALITY ASSURANCE CELL, ASUTOSH COLLEGE**

ORGANIZED A ONE DAY WEBINAR ON

**“THE LIFE AND WORKS OF PROF. C. R. RAO”**

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

A ONE-DAY WEBINAR  
ON  
**THE LIFE AND WORKS  
OF  
PROF. C. R. RAO**

Organized By  
**DEPARTMENT OF STATISTICS**  
in association with  
**IQAC, ASUTOSH COLLEGE**

RESOURCE PERSON  
**PROF. T. J. RAO**  
RETIRED PROFESSOR,  
STAT-MATH DIVISION  
INDIAN STATISTICAL INSTITUTE  
KOLKATA

8 September, 2023. 04:00 P.M. Catch us Live on YouTube

**FRIDAY, SEPTEMBER 08, 2023 AT 4:00 PM**

**YouTube Link:** [youtube.com/live/zt35G7MgsUg?feature=share](https://youtube.com/live/zt35G7MgsUg?feature=share)

**Invited Speaker:**

PROF. T. J. RAO, RETIRED PROFESSOR, STAT-MATH DIVISION, INDIAN STATISTICAL INSTITUTE, KOLKATA.

**TOPIC: REMEMBERING PROF. C. R. RAO.**

**Organizing Committee:**

Convenor – Dr. Shirsendu Mukherjee

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



Miss Oindrila Bose welcoming the speakers and the guests.



Prof. T. J. Rao making his presentation





### Live YouTube Streaming

The screenshot shows a YouTube live stream interface. The main video player displays a presentation slide with the following content:

### Research interests

- Joined as Technical Apprentice in ISI and interacted with R.C. Bose, K.R. Nair and S.N. Roy.
- Collaborated with anthropologist D.N. Majumdar and analysed the anthropometric data based on a survey of the United Provinces using the concept of Mahalanobis's  $D^2$ , a measure of distance between two populations.

Below the slide, the Asutosh College logo and address are visible: "Asutosh College, 92, Shyamprasad Mukherjee Road, Kolkata, West Bengal, India, PIN - 700 026".

The YouTube interface includes a search bar with "asutosh college live", a subscribe button for "Asutosh College Official" (2.59K subscribers), and a list of recommended videos on the right side.

Prof. T. J. Rao talking about the contributions of Prof. C. R. Rao

The screenshot shows a Google Meet session. The main video window displays Prof. T. J. Rao, an elderly man with glasses wearing a yellow and white striped shirt. To his left, a presentation slide is visible with the following content:

### Brief look at Contributions

- In the sixties, during RTS tea club sessions, Dr. Rao used to say, if you need a grant, use the terms 'Signal and Noise'. Little did he know then, that his CRLB of the 1945 Breakthrough paper is quoted in a number of papers on Signal Processing, Engineering and in a host of other areas.

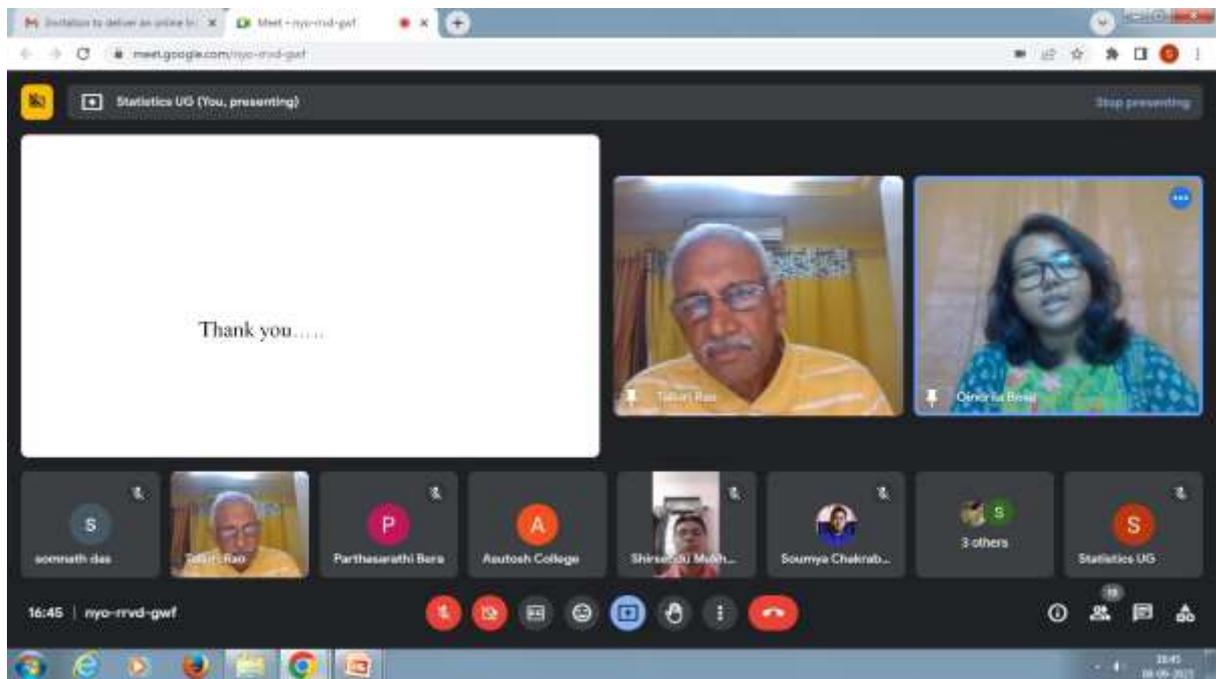
At the bottom of the screen, the Meet interface shows a grid of participants: Onidha Bose, T. J. Rao, somnath das, Parthasarathi Bera, Asutosh College, Shirsendu Mykh..., 7 others, and Statistics UG. The bottom status bar shows the time as 16:30 and the meeting ID as nyo-rvvd-gwf.



## Remembering Prof. C. R. Rao

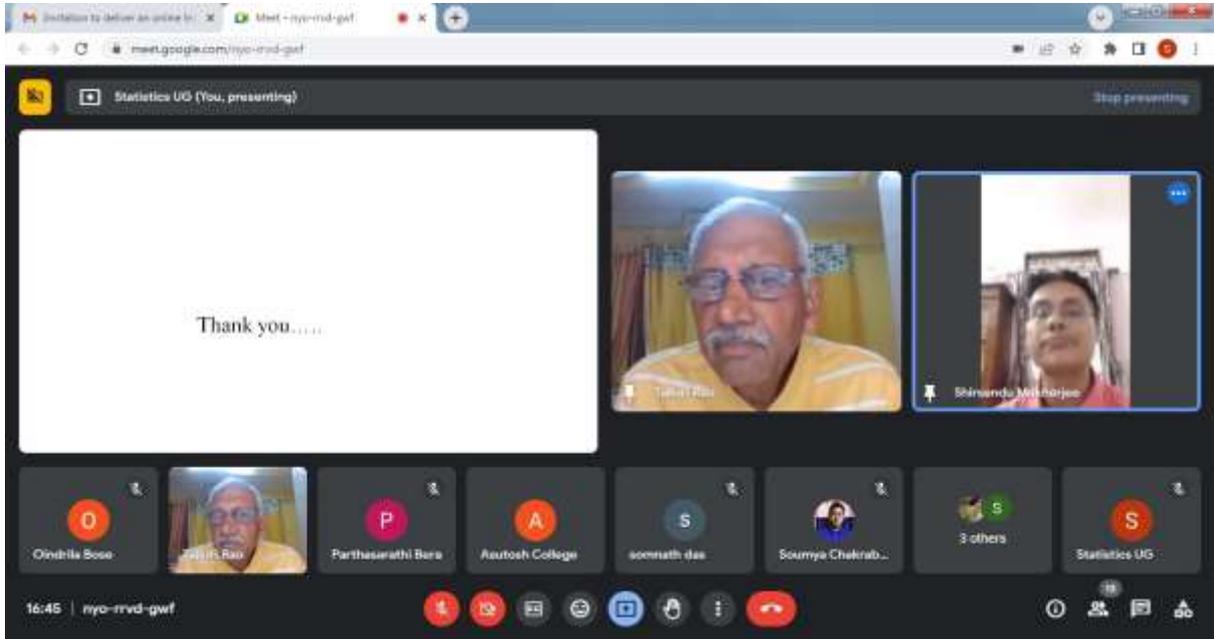


Miss Oindrila Bose thanking the speaker at the end of his presentation





Dr. Shirsendu Mukherjee delivering the vote of thanks



**Report**  
**Celebration of International**  
**Microorganism Day**  
**Students' Quiz Competition**  
**16 September 2023**



A **Quiz Competition** with Semester I, UG Microbiology (Hons.) students was organized by Dept. of Microbiology, Asutosh College on 16th Sept 2023, Saturday.

**Convener:**

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

**Organizing Committee:**

Faculty Members of Dept. of Microbiology, Asutosh College  
Sem III and Sem V Students

**Summary & Benefit of the Programme:**

This programme was aimed to improve –

- i. Students' overall presentation and knowledge skill (including scientific vocabulary and speech

- fluency)
- ii. their self confidence
- iii. their ability to self evaluate

Students participated vibrantly. The competition was divided into two rounds- Round I: basic knowledge of Microbiology, & Round II: General Knowledge on different aspects of society as Sports, Entertainment, etc. Sem III and Sem V students were Quiz Masters and a magnificent harmony between seniors and juniors was observed. The event was overall a grand success. All students were awarded certificates.

**Results:**

NAME	SEMESTER	RANK/PARTICIPATION
Sejuti Biswas	I	1st
Ahasanul Hossain	I	1st
Preeti Rajak	I	1st
Ifrah Jafri	I	1st
Twinkle Das	I	2nd
Argha Jyoti Dhar	I	2nd
Yudhajit Manna	I	2nd
Antaripa Pal	I	3rd
Subhashree Misra	I	3rd
Jayontika Nag	I	3rd
Nupur Kanan	I	Participation
Adrija Chanda	I	Participation
Snigdha Saha	I	Participation
Madhusri Santra	I	Participation
Anurima Kundu	I	Participation
Lisa Lepcha	I	Participation
Arundhuti Ghatak	I	Participation
Adrija Thakur	I	Participation
Debanjan Ghosh	I	Participation
Bikramjit Roy	I	Participation
Adrija Panda	I	Participation

**Few Glimpses of the Programme**

