



REPORT FORMAT

- **TITLE OF EVENT/ PROGRAMME (SEMINAR/ WEBINAR/ WORKSHOP/ EXTENSION LECTURE/ EXTENSION ACTIVITY/ ANY OTHER ACTIVITY):** A Workshop for Senior Undergraduate and Postgraduate students of Asutosh College
- **THEME OF THE EVENT/ PROGRAMME:** *Understanding Research Methods and Article Writing in Life Sciences*
- **ACADEMIC SESSION:** 2022-2023
- **DATE:** 29/11/2022
- **VENUE:** Seminar Library Hall, Centenary Building, Asutosh College, Kolkata
- **OBJECTIVE/ PURPOSE:** To boost the temperament of research in Science among students and take it as a career prospect across Academia and Industries
- **SPEAKER/S / RESOURCE PERSON/S:** Dr. Sankar Chandra Basu, Assistant Professor, Asutosh College, Department of Microbiology
- **TARGET AUDIENCE/ PARTICIPANTS:** Students of Microbiology (Hons)
- **ATTENDANCE SHEET:** Find it as an annexure.
- **BRIEF REPORT ABOUT THE EVENT/ PROGRAMME:**

A seminar workshop was arranged by Department of Microbiology, Asutosh College on 29th November, 2023 for undergraduate and postgraduate students themed on 'Research Methods and Article Writing in Life Sciences'. Dr. Sankar Chandra Basu, Assistant Professor of Microbiology who also held an adjunct position as an external scientific collaborator at the 3BIO group, Université Libre de Bruxelles (ULB), Brussels gave an extended lecture on the theme. Dr. Basu, by training is a computational biophysicist who had done his doctoral from Saha Institute of Nuclear Physics, Kolkata back in 2014 followed by 6 post doctoral tenures including those in Europe as well as in USA before joining as a faculty member in Asutosh college in 2019. He has 35 papers in top international journals amounting to ~700 citations till now. He has also served to solve the famous 200 years unsolved Graph Coloring Problem in combinatorics, Mathematics.

A handwritten signature in blue ink, appearing to be 'S. Basu', with a long horizontal line extending to the right.



The lecture focused on scientific methodologies in modern biology, planning, conducting research projects, setting up a fruitful collaborative network in research, interdisciplinary approaches in modern biology (combining wet- and dry-lab approaches), grant writing and funding acquisition, paper writing, choice of journals, preparing reports of research projects, presentation skill development and related steps essential to modern biology.

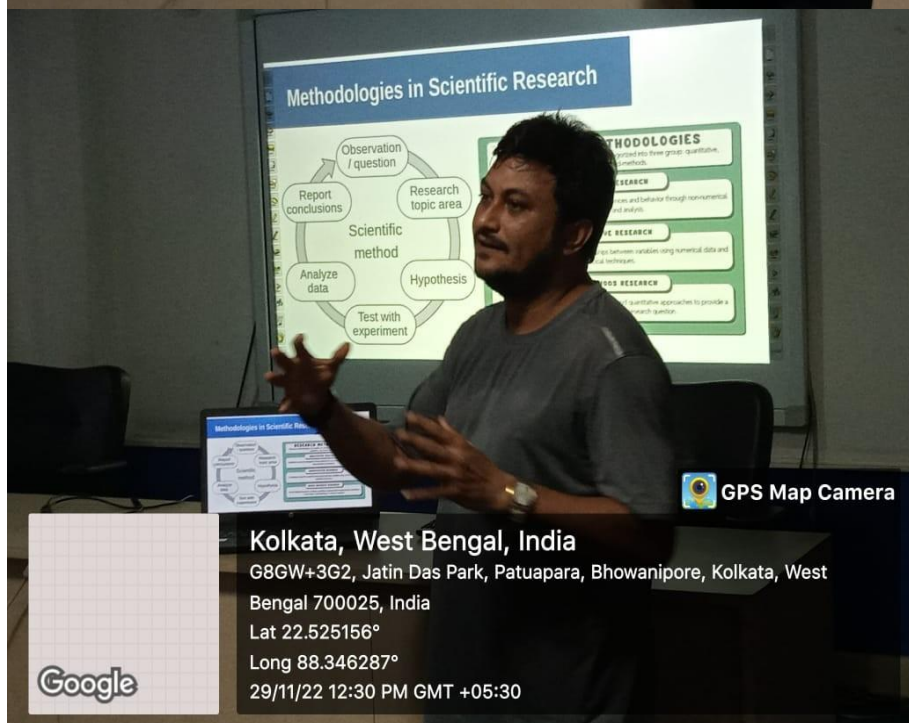
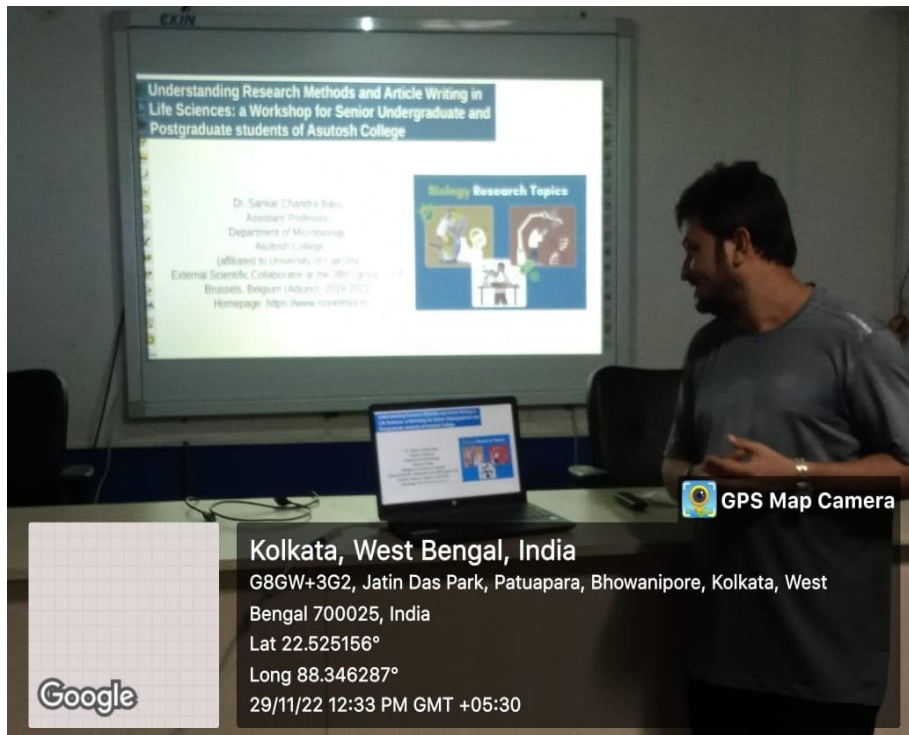
Students especially those intending to stick to academic research in their further persuasion in life sciences really enjoyed the lecture and were immensely motivated to take up Scholastic research in their career.

➤ **EXPECTED OUTCOME:**

- X To develop the temperament of a researcher or scholar in the long run.
- X To provide a basic tutorial for academic writing and preparation of reports and drafts.
- X To discuss and emphasize the necessity of research oriented courses / studenthood.
- X To aware about negative practices in research, e.g., plagiarism, devaluing negative results, hypothesis bias etc.
- X To discuss and point to the free Information Communication tools (Google) as also tools for visual analysis, plotting, image creation and compilation, surface drawing, 3D visualization, poster preparation etc. (e.g., MATLAB, GNUplot, Octave, Origin, Gimp etc.)

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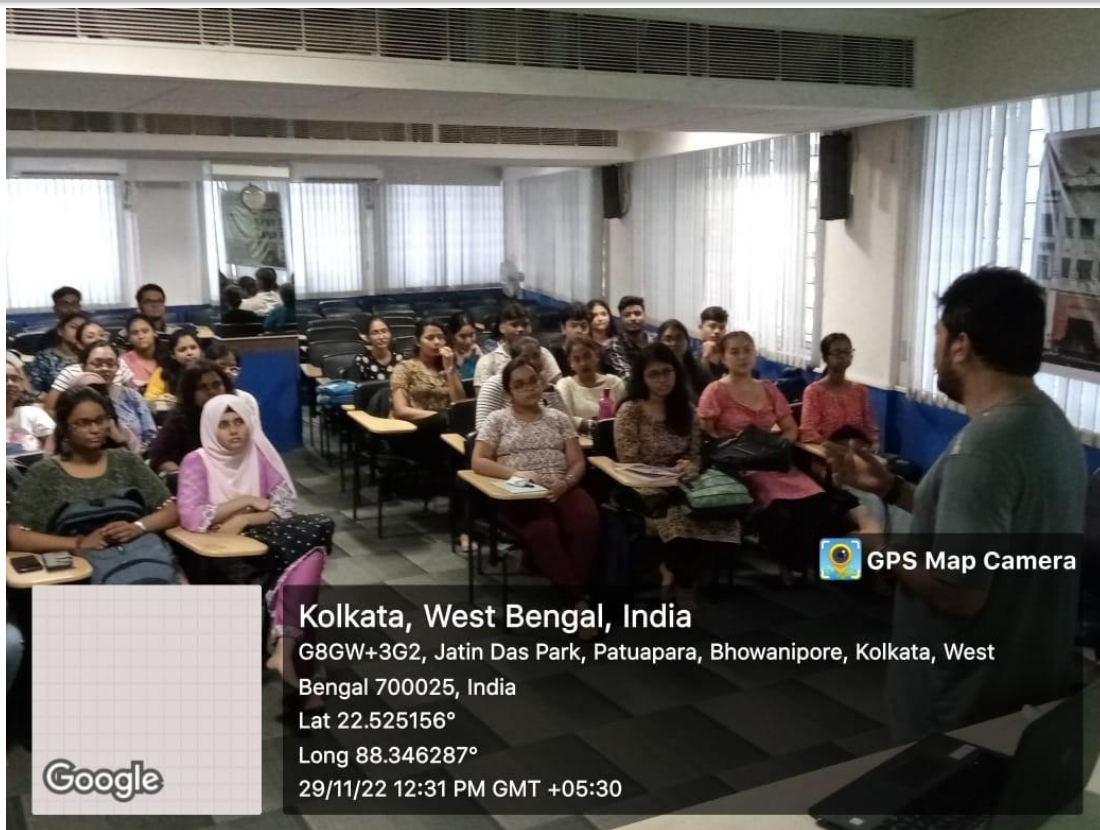
➤ **GEO-TAGGED PHOTOGRAPHS:**




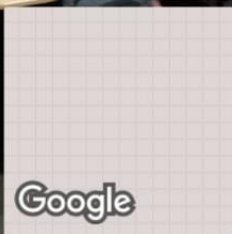
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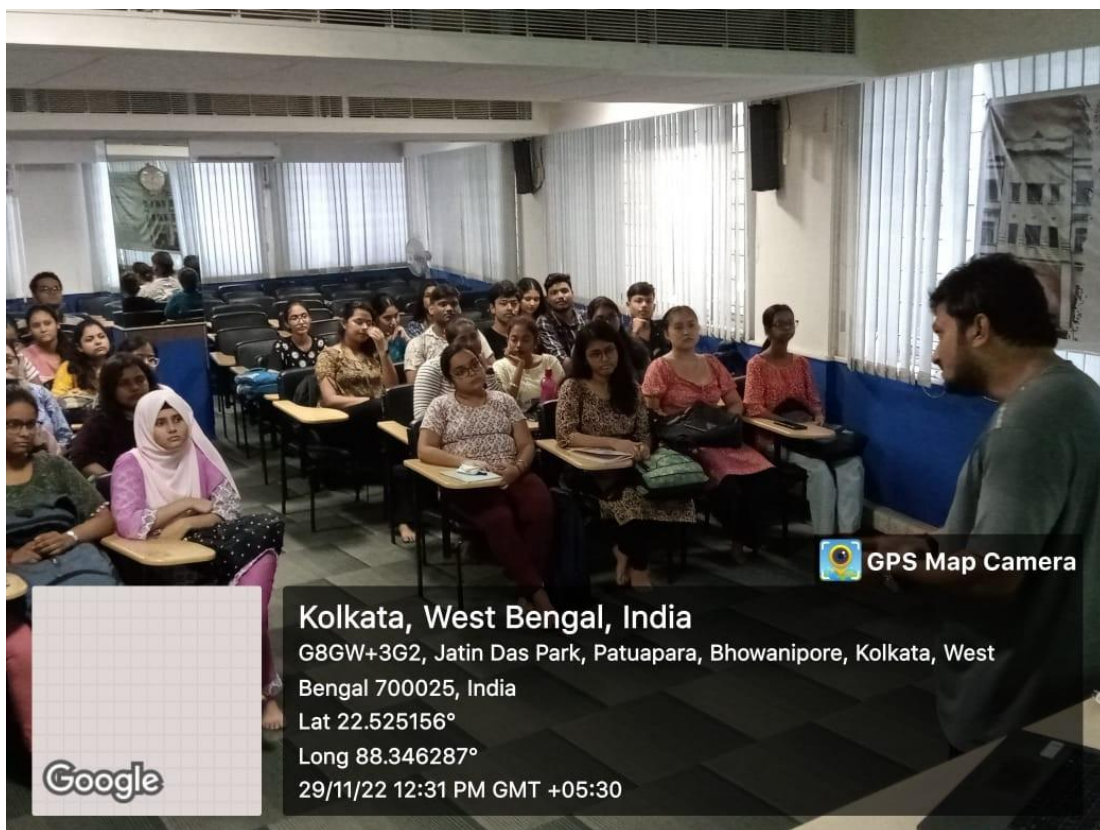
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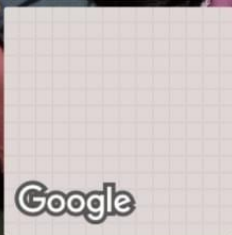
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Attendance sheet of the seminar entitled: Understanding
Research Methods & Article Writing in Life Sciences.

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Name	Department	Designation / Semester	Signature with date
Speaker Dr. Sankar Chandra Basu	Microbiology	Assistant Professor	Sankar chandra Basu
Faculty Members Dr. Kuntal Kanti Goswami	Microbiology	Assistant Professor	Kuntal Kanti Goswami
Dr. Arpita Mondal	Microbiology	Assistant Professor	Arpita Mondal
Dr. Gajendra Nath Maity	Microbiology	Assistant Professor	Gajendra Nath Maity
Mrs. Nilanjana Bose	Microbiology	SACT-2	Nilanjana Bose
Sri. Nirmalya Chakraborty	Microbiology	SACT-1	Nirmalya Chakraborty



Students

Tamanna Sinha	microbiology	Sem 1	Tamanna Sinha
Anuja Dhar	microbiology	Sem 1	Anuja Dhar
Paroma Nath	Microbiology	Sem 1	Paroma Nath
Tanushree Saha	microbiology	Sem 1	Tanushree Saha
Dayita Dey	Microbiology	sem 1	Dayita Dey
Dhriti sundar Jana	Microbiology	Sem 1	Dhriti sundar Jana
Indilla Dutta	Microbiology	Sem 1	Indilla Dutta
Anwesha Mukherjee	microbiology	Sem 1	Anwesha Mukherjee
Nazifa Zahid	Microbiology	Sem 1	Nazifa Zahid
Soumya Ranjan Panda	Microbiology	Sem 1	Soumya Ranjan Panda
Biswadip Mukherjee	Microbiology	sem 1	Biswadip Mukherjee
Tarun Pandey	Microbiology	Sem 1	Tarun Pandey
Argho Paul	Microbiology	Sem 1	Argho Paul
Mali prasad Bhakat	Microbiology	sem 1	Mali prasad Bhakat
Saikat Bose	Microbiology	Sem 1	Saikat Bose
Jankani Gupta	Microbiology	sem 1	Jankani Gupta
Mayarakhshi Basak	Microbiology	Sem 1	Mayarakhshi Basak
Debmalya Sarkar	Microbiology	sem 1	Debmalya Sarkar

Mu

Students

Name

Department

Semester

Signature

<u>Name</u>	<u>Department</u>	<u>Semester</u>	<u>Signature</u>
Aneha Datta	Microbiology	Sem 3	Aneha Datta
Subhoanu Podder	Microbiology	Sem 3	Subhoanu Podder
Amartya Sarkar	Microbiology	Sem 3	Amartya Sarkar
Debarpan Mukhopadhyay	Microbiology	Sem 3	Debarpan Mukhopadhyay
Soujan Chowdhury	Microbiology	Sem 3	Soujan Chowdhury
Fareeha Jofan	Microbiology	Sem 3	Fareeha Jofan
Ishani Dutta	Microbiology	Sem 3	Ishani Dutta
Bristi Saha	Microbiology	Sem 3	Bristi Saha
Ankita Paul	Microbiology	Sem 3	Ankita Paul
Swati Kundu	Microbiology	Sem 3	Swati
Priyanka Gond	Microbiology	Sem 3	Priyanka Gond
Shinjini Saha	Microbiology	Sem 3	Shinjini Saha
Sreuti Bhakat	Microbiology	Sem 3	Sreuti Bhakat
Renesa Das	Microbiology	Sem 3	Renesa Das
Khushi Verma	Microbiology	Sem 3	Khushi Verma
Dipanswita Sarangi	Microbiology	Sem 3	Dipanswita Sarangi



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