

March 2024

REPORT – RESEARCH METHODOLOGIES

TITLE OF EVENT/ PROGRAMME (SEMINAR/ WEBINAR/ WORKSHOP/ EXTENSION LECTURE/ EXTENSION ACTIVITY/ ANY OTHER ACTIVITY): RESEARCH METHODOLOGIES

- **THEME OF THE EVENT/ PROGRAMME: ACADEMIC SESSION:** 2023-2024

- **DATE:** March 06, 2024

- **VENUE:** Seminar Hall, Centenary Building, Asutosh College

- **OBJECTIVE/ PURPOSE:**

To aware the students of Physics Department about what is research, how to choose the area of research, what are the areas of research from Physics.

- **SPEAKER/S / RESOURCE PERSON/S:** Dr, Anindya Bose, Senior Scientific Officer, University of Burdwan

- **TARGET AUDIENCE/ PARTICIPANTS:** students of Physics Department, mainly the final year students.

- **BRIEF REPORT ABOUT THE EVENT/ PROGRAMME:**

The Lecture was organised in blended mode. The speaker Dr. Anindya Bose gave his opinion on Research Methodologies via Gmeet link and the students and faculties listened to him from the seminar hall in Centenary building of Asutosh College.

The program was started by the welcome address of Head of the Department of Physics Dr. Amit Kumar Bhattacharjee. He welcomed Dr. Keya Ghosh, IQAC member and Academic sub committee head of our college and Dr. Manorama Chatterjee of our Department. Dr. Surjyasarathi Bhattacharya introduced our speaker.

The speaker started with the introduction of Reaserch, why students will go for research. In recent years NEP is introduced by UGC in undergraduate

colleges. If students go for project or small research work in this level, it should be beneficial for them when they will go for Research in future.

He gave an elaborate explanation about how to select research topic. Students should conduct thorough review on existing research papers, they should talk with the mentors to identify the problems and needs. Based on this review they should choose their topic of research. They have to select the appropriate research method like computational, experimental or theoretical methods which will be best suited for them. If they go for experiment then the students have to chalk out about experimental design, data collection and data analysis. At last there should be some interpretation and conclusion on their works. He also told that continuous learning and adaptation are the two very important aspect of researchers. They should obey the ethics of research work and not copy other's work.

- **EXPECTED OUTCOMES:**

Students get an exposure about the Research Methodologies, the first step to enter the research area. How they will prepare themselves in the field of Research.

● -TAGGED PHOTOGRAPHS:





