



- **TITLE OF EVENT:**
CSIR Integrated Skill Initiative: Skill Development Training Programme
(Jointly organised by Central Glass and Ceramic Research Institute in collaboration with Asutosh College)

- **THEME OF THE EVENT/ PROGRAMME:** Techniques of Chemical Characterization of Glass, Ceramics and Allied Materials

- **ACADEMIC SESSION:** 2023-2024

- **DATE:** 14th and 15th December, 2023

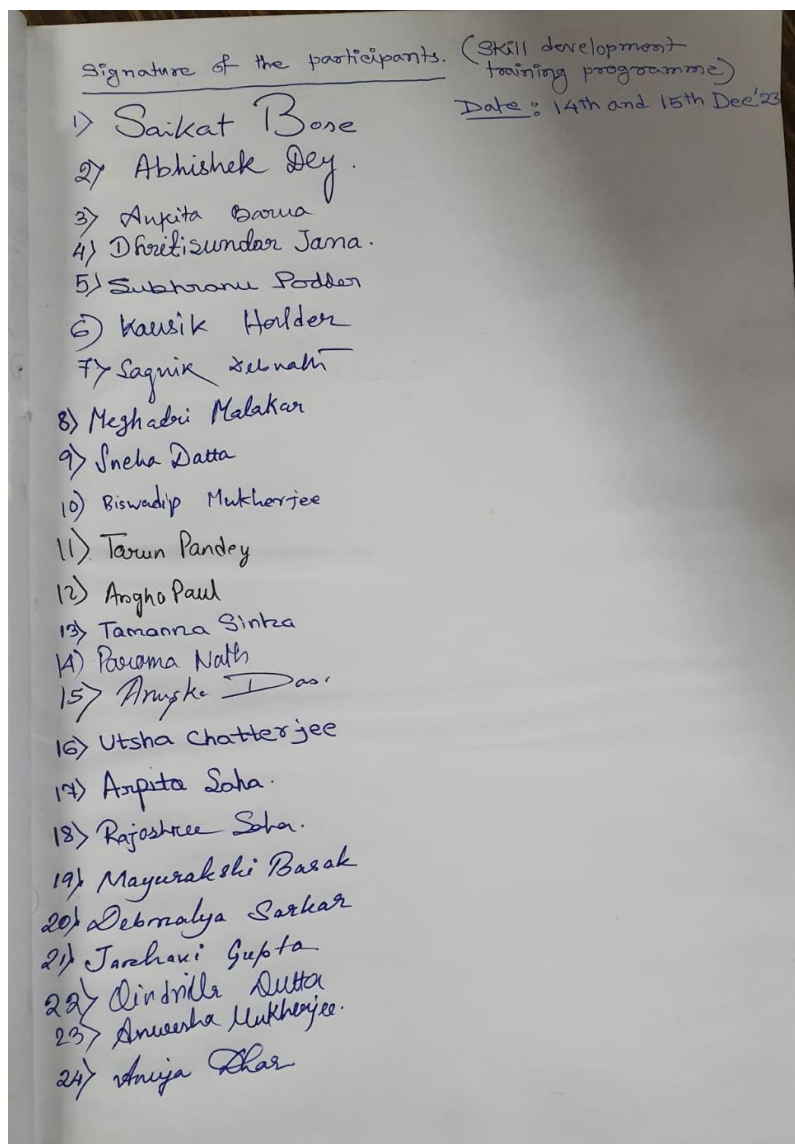
- **VENUE:** Council Of Scientific And Industrial Research-Central Glass & Ceramic Research Institute (CSIR-CGCRI)

- **OBJECTIVE:** To improve an individual's level of awareness, increase their skill in one or more areas of expertise and increase their overall motivation to perform their job well. This program also aims at disseminating knowledge and appropriate skill practices through recognized systems of training, testing and certification to validate competency levels.

- **SPEAKER/S / RESOURCE PERSON/S:**
Dr. P.K. Sinha
Dr. Jotirmoy Sikdar
Trilochan Prasad Sahoo
Ranjan Samaddar

- **TARGET AUDIENCE/ PARTICIPANTS:** Semester III Students of Asutosh College from the Department of Microbiology.

➤ **ATTENDANCE SHEET:**



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

The programme started with an inauguration session chaired by Dr. P.K. Sinha, Dr. Jotirmoy Sikdar, Dr. Kuntal Kanti Goswami (Head of the Department of Microbiology, Asutosh College) and Dr. Gajendranath Maity (Assistant Professor, Department of Microbiology, Asutosh College),

It was a highly knowledgeable and interesting workshop, where students learnt about the chemical analysis of glass and ceramics, determined the chemical composition of Dolomite using complex titrations, applications and use of UV-Vis spectrophotometer and the

production of PLASMA, the fourth state of matter using Argon gas at a very high temperature of 10000 K.

Students were also enriched with the knowledge of various water purification techniques, principles of ion selective electrode and measurement of fluoride and chloride using ion meters.

➤ **EXPECTED OUTCOME:** Through this educational program, the students have acquired additional knowledge about a different course of study aside from their own domain of syllabus oriented studies. It will also help them to dabble into different fields of research for their future preferences in academics or research.

➤ **GEO-TAGGED PHOTOGRAPHS:**

