



भारत सरकार

GOVERNMENT OF INDIA



भारतीय भूवैज्ञानिक सर्वेक्षण प्रशिक्षण संस्थान
GEOLOGICAL SURVEY OF INDIA TRAINING INSTITUTE
हैदराबाद
Hyderabad

REPORT ON
ANALYTICAL CHEMISTRY AND INSTRUMENTATION
(UNDER BHUVISAMVAD)

(03.01.2019 TO 05.03.2019)

Under the program of Bhuvisamvad, Andhra University, Visakhapatnam and Mahatma Gandhi University, Nalgonda, were invited for the training program. About 45 students from Andhra University (Visakhapatnam) and Mahatma Gandhi University, Nalgonda attended a training program conducted between 03.01.2019 and 05.01.2019 at GSITI. All the students were appraised about the latest developments in the field of analytical chemistry and its applications. Detailed lectures on application of analytical chemistry in Forensic science and in Customs & central excise were given. Concepts on classical and instrumental methods of analysis were dealt within the three days program, followed by a laboratory visit to GSI, SR, Hyderabad Chemical Laboratory. State of the art instruments like Atomic Absorption Spectrometer, Inductively Coupled Plasma Mass Spectrometer, X-Ray Fluorescence Spectrometer etc. were demonstrated to the students. All the students expressed satisfaction over the level of exposure, they had on the practical aspects of analytical chemistry.

Course Content:

1. Communication and presentation skills.
2. Scope and application of analytical chemistry as a profession.
3. Applications of Analytical Chemistry in Forensic sciences.
4. Basic concepts in analytical and Inorganic chemistry.
5. Introduction to Classical and Instrumental techniques of Analysis.
6. Laboratory visit to GSI, SR, Hyderabad.

Course Coordinator: Dr. Taraknath Pal, Director (TC)

Faculty :

Sl. No.	Name	Designation
1	Shri. P.V.V.R.Sarma	Sr. Chemist, GSITI, Hyderabad
2	Dr. J.S.Bhargav	Sr. Chemist, GSITI, Hyderabad
3	Shri. N.V.R.Kiran	Sr. Chemist, GSI, SR, Hyderabad.
4	Dr. V.P.Nawale	Sr. Chemist, GSI, SR, Hyderabad.
5	Shri. Ch. Ravikumar	Sr. Chemist, GSI, SR, Hyderabad.

Feedback:

All the students appreciated the initiative taken up by GSITI towards generating awareness to college and University students on the application of chemistry in various walks of life, specifically in the field of geosciences. They praised the faculty, the course content and overall organization of the training program. Many opined for extending the duration of the training.



Group photograph with DDG, GSITI, Andhra University and Mahatma Gandhi University students on the concluding day.