



GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS

BOKARO, JHARKHAND

Affiliated to **JUT Ranchi**, Jharkhand, Approved by **AICTE** & Ministry of **HRD**, New Delhi

Report of STTP-2022 (06th May to 13th May 2022)

(Under Azadi ka Amrit Mahotsav)

“One Week Short Term Training Program (STTP) for Enhancing Laboratory Skills” was organized by GGSESTC in association with Jharkhand University of Technology, Ranchi from 6th May to 13th May, 2022. The aim of this program was multi disciplinary lab experiments, it includes the physical demonstrations of different modern Laboratory equipments and ICT tools. The Institute invited Shri Tarsem Singh Hon'ble President GGES, Bokaro as Chief Patron. Chief Patron Prof. (Dr.) Vijay Pandey Hon'ble Vice-Chancellor, JUT, Ranchi. Patron Shri Surendra Pal Singh, Hon'ble Secretary, GGES, Bokaro. Patron Dr. Amar Kumar Chaudhary Hon'ble Registrar, JUT, Ranchi. Chief Technical Resource person Dr. Sanjay, Professor, Mechanical Engineering NIT Jamshedpur. Principal Convener Prof (Dr.) Priyadarshi Jaruhar, Director, GGSESTC, Bokaro. The Resource Persons of that program was Dr. S.C. Dutta, Associate Professor & HOD, CSE, BIT, Sindri. Dr. Rajiv Kumar Ranjan, Assistant Professor, Electronic Engineering, IIT(ISM), Dhanbad. Dr. Mahendra Kumar, Associate Professor, Electrical Engineering, Guru Kashi University, Talwandi Saboo, Bhatinda, Punjab. Shri S.D. Modi, Chief Engineer (Rtd.), BSL, Bokaro Steel City. Dr. Bikash Ghoshal, Professor, Mechanical Engineering GGSESTC, Bokaro. Dr. Rajendra Prasad Verma, Associate Professor, Civil Engineering, GGSESTC, Bokaro. Mr. Pankaj Kumar Ray, Assistant Professor, EEE, GGSESTC, Bokaro. The Specially Invited Prof. (Dr.) D.K. Singh, Director, BIT Sindri

It was conducted both in offline and online mode (Hybrid mode). The offline mode was performed at GGSESTC seminar hall & in different laboratories of the Institute. The inaugural ceremony of the STTP witnessed the presence of Dr. Sanjay, a professor of Mechanical Engineering from NIT Jamshedpur. The STTP was opened with the welcome address by Dr. Priyadarshi Jaruhar, Director of GGSESTC, Bokaro. The welcome address was followed by some motivational word of Chief Guest, highlighting the importance of STTR for participants. STTP coordinator introduced the guest & in brief gave overview of the STTP.

In the first session of the first day, Dr. Sanjay delivered an expert talk on “Introduction to Enhancing Laboratory Skills”. He discussed about the basics of Laboratory work in present trends & its recent developments.

In this continuation, on the second day Dr. Sanjay supervised the work. The session was followed by Lecturers, Assistant Professors, Associate Professors of GGSESTC & other college. Dr. S. C. Dutta, Associate Professor & H.O.D, CSE, BIT Sindri delivered an expert talk on Enhancing Laboratory skills. Third day of STTP-2022 was signed in with an expert Professor Dr. Bikash Ghoshal, Professor, Mechanical Engineering GGSESTC, Bokaro. He took practical session on laboratory work & testing. In same day, 09.05.2022, the college organized a cultural function to present a tribute to the noble Laureate **Rabindranath Tagore on the occasion of his 162nd Birth Anniversary.**



In this continuation, on the fourth day, the resource person Dr. Rajiv Kumar Ranjan, Assistant Professor, Electronic Engineering IIT(ISM), Dhanbad delivered an expert talk on "Enhancing Laboratory Skills."

In this continuation, the fifth day was opened with a session by Dr. Rajendra Prasad Verma, Associate Professor, Civil Engineering, GGSESTC, Bokaro. He shared his expert talk on "Safety Measures & Precautions in labs & workshops."

Next day was opened with a session by Dr. Rajeev Kant, Associate Professor of Mechanical Engineering, GGSESTC, Bokaro. He shared his expert talk on "Lab Procedure".

Last day was opened with a session by Prof. (Dr.) Priyadarshi Jaruhar, Director of GGSESTC Bokaro. He shared his expert talk on "Improvement in lab manual with recent trends of Engineering as per the New Education policy 2020".

Disbursement of Funds:

- The Principal of the Institute & the coordinator of the program (STTP-2022) have got the full amount sanctioned in advance from the institute Management.
- The sanctioned amount has been spent by the institute in conducting STTP-2022, like Refreshment, TA & DA for Resource persons, Certificates, etc.
- Sanctioned Fund for STTP-2022 is kept separately and utilized for STTP-2022 only and would not be mixed up with other funds.

Conduct of test & issuance of certificate:

A test was conducted by Program Evaluation Committee at the end of the program & certificate is issued to those participants who have attended the program & have successfully qualified the test.

Valedictory:

The program ended with the valedictory function which was graced with the presence of Chief Patron Shri Tarsem Singh, Hon'ble President GGES, Bokaro, Patron Shri Surendra Pal Singh, Hon'ble Secretary, GGES, Bokaro. Principal Convener Prof. (Dr.) Priyadarshi Jaruhar, Director, GGSESTC, Bokaro. Convener Dr. Rajendra Prasad Verma, Dean, Academics & Administration GGSESTC, Bokaro. Assistant co-convener Mr. Hussain Ansari, Assistant Professor, CSE, GGSESTC, Bokaro. Host IQAC Coordinator Ms. Sweta Kumari, Assistant Professor, BSH, GGSESTC Mrs. Anupriya, Assistant Professor, BSH, GGSESTC. Certificates were distributed by the above honorable and respected dignitaries.

The function concluded with a Vote of Thanks presented by Dr. Rajendra Prasad Verma, Dean, Academics & Administration & Associate Professor, Civil Engineering, GGSESTC, Bokaro. The Valedictory function ended with the National Anthem.

Participants

In this program the faculties from different Engineering and Polytechnic College actively participated, Such as faculties from GGSESTC Bokaro, Jharkhand, G.P. Khutri, Jharkhand, Padmashri Dr. V.B.



Kolte College of Engineering Malkapur, College of Engineering and Technology Babulgaon Akola Maharashtra, SVKM'S NMIMS Mukesh Patel Technology Park MPSTME, Shirpur Campus etc.

Outcomes

- The faculty member Enhancement in practical teaching skills and awareness about current technological developments under respective department.
- The faculty member took into consideration the experiments of their respective subjects to recognize the gap in attaining all learning outcomes as per JUT syllabus.
- The faculty member designed to study the impact attainment.
- Total Registration was '68' (Online & offline combined)

Learning for organizing such event in future.

- This STTP Program has opened new paths for our students & faculties to investigate innovative ways to asses laboratory skills in Dynamic & Collaborative setting.
- Organizing such program is an essential step to achieve new targets & make a mark in the Technological study at a Global level.
- This STTP Program has shown higher horizons in the field of laboratory skills.

Feedback

- A developing culture requires open & collaborative personal relationships among faculty member.
- Required more participation from JUT.
- Introducing questions & motivate faculty members to put forth their view points.

Co-Convener
(Mr. Sumit Kumar Pandey)
Assistant Professor
Mechanical Engineering

Convener
(Dr. Rajendra Prasad Verma)
Dean, Academics &
Administration

Principal Convener
(Prof. (Dr.) Priyadarshi Jaruhar)
Director, GGESTC, Bokaro.

