



MEMORANDUM OF UNDERSTANDING

BETWEEN

STEEL AUTHORITY OF INDIA LIMITED-BOKARO STEEL PLANT

AND

JALPAIGURI GOVERNMENT ENGINEERING COLLEGE

MEMORANDUM OF UNDERSTANDING

BETWEEN

STEEL AUTHORITY OF INDIA LIMITED-BOKARO STEEL PLANT
BOKARO STEEL CITY
JHARKHAND

AND

JALPAIGURI GOVERNMENT ENGINEERING COLLEGE
JALPAIGURI
WEST BENGAL

This Memorandum of Understanding (hereinafter referred to as "MOU") is made on 29th day of April, 2022

Between

Steel Authority of India Limited-Bokaro Steel Plant (referred as SAIL-BSL henceforth), an integrated steel plant of Steel Authority of India Limited, located at Bokaro Steel City, Jharkhand (which terms of expression shall, unless excluded by or repugnant to the context or the meaning thereof be deemed to include its successors and permitted assigns) of the **One Part**.

And

Jalpaiguri Government Engineering College, Jalpaiguri, a research and educational institution of national importance is a Government Autonomous Engineering College under Govt. of West Bengal established in 1961 and having its office at Jalpaiguri, West Bengal-735102, India, hereinafter referred to as "JGEC", (which terms of expression shall, unless excluded by or repugnant to the context or the meaning thereof be deemed to include its successors and permitted assigns) on the **Other Part**.

(hereafter together referred to as 'Parties' and individually referred to as 'Party')

WHEREAS SAIL-BSL is one of the largest integrated steel plant in India and committed to national building under Make in India initiative of the Government of India by high quality steel products such as HR Coils/Sheet, CR Coil/ Sheet, GP Sheet etc.



WHEREAS JGEC is one of the premier institutes to provide meaningful education, to conduct original research of the highest standard and to provide leadership in technological innovation for the industrial growth of the country. JGEC imparts and undertakes cutting-edge research in various areas of science, engineering, design, management, and humanities.

WHEREAS, this MoU is of a generic nature. For specific R&D projects, Training Programmes etc. separate detailed Memorandum of Agreements (MoAs) will be worked out for each assignment/Project.

WHEREAS, it is considered desirable to promote co-operation between the SAIL-BSL and JGEC in areas of mutual interest, both parties have reached an understanding with regard to the following:

A. OBJECTIVES

- a) To pursue joint research & development projects, including those related to innovation and creativity, between JGEC and SAIL-BSL leading to publications, patents, copyrights etc.
- b) To identify and pursue joint research projects in the areas of Coke and Sinter Production, Raw Material Handling and Processing, Steel Production, New Process Development, Safety, Improvement in the Quality, Energy Conservation, Environment Control, trouble shoot technical problems and Digital Transformation relevant to SAIL-BSL.
- c) To Mentor Graduate/Post-Graduate/Research Scholars of JGEC for successful completion of their internship/project/thesis work at SAIL-BSL.
- d) To utilize facilities & expertise as per the requirements of respective parties on mutually agreed terms and conditions on case-to-case basis.
- e) To jointly organize seminars, conferences, or workshops on topics of mutual interest and to invite each other's faculty/employee/experts to participate therein.

B. FINANCIAL ARRANGEMENT:

SAIL-BSL and JGEC agree that detailed terms and conditions that guide each activity identified above will be separately determined and agreed upon by the two parties in writing. These terms shall include a technical description of proposed activity, financial arrangements, and person(s) responsible for its implementation, etc. As such this MoU has no financial implication on each other.

C. CONFIDENTIALITY AND INTELLECTUAL PROPERTY

SAIL-BSL and JGEC agree to respect each other's rights to intellectual property. Further, the Intellectual Property Rights (IPR) that arises as a result of any collaborative research or activity under this MoU will be worked out on a case-to-case basis, and will be consistent with officially laid down IPR policies of the two parties.

D. TENURE AND TERMINATION

This MoU will take effect from the Effective Date upon signatures by representatives of the two parties. It will remain valid for five (5) years, and may be extended further by the parties in writing. The MoU may be terminated by either party with notification to the other of its intension to terminate MoU.

Either party may terminate the MoU by giving written notice to the other party six months in advance. Once terminated, neither SAIL-BSL nor JGEC will be responsible for any losses, financial or otherwise, which the other party may suffer. However, SAIL-BSL and JGEC will ensure that all activities in progress are allowed to complete successfully.

E. COORDINATION AND IMPLEMENTATION

A coordinating committee comprising heads of the parties or their nominees and two other members from each party would be responsible for effective implementation of MoU. During joint projects, SAIL-BSL will host (provide food and lodging) the faculty / staff / project staff / research students during their stay at BSL.

Members from JGEC:

1. Prof. Chinmoy Ghosh, Asst. Professor, Dept. of CSE, JGEC
2. Prof. Shrayasi Datta, Asst. Professor, Dept. of IT, JGEC

Members from SAIL-BSL:

1. Subrata Mukhopadhyay, CGM (Maint)
2. Bipin Krishna Sartape, CGM (C&A, C)

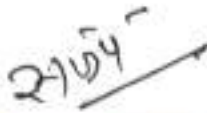
F. ARBITRATION CLAUSE

Should there be a dispute relating to any aspect of research and cooperation, the Principal, JGEC and the Director I/C of SAIL-BSL will jointly resolve the dispute in a spirit of independence, mutual respect, and shared responsibility.

This MoU is prepared in two identical copies. Each party holds one original copy duly signed by the Executive Director(Works) of SAIL-BSL and the Principal of JGEC.

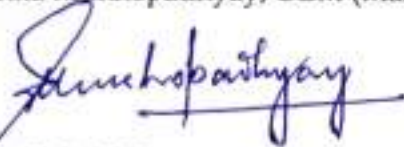
Signed for

SAIL-Bokaro Steel Plant



NAME OF SIGNATORY: SANJAY KUMAR
Acting-Executive Director (Works), SAIL-BSL
Address: ED(W) Building
Bokaro Steel Plant
Bokaro Steel City-827001
Jharkhand

Witness: 1
Subrata Mukhopadhyay, CGM (Maint)



Date: 29.04.2022

Witness: 2
Bipin Krishna Sartape, CGM (C&A, C)



Date: 29.04.2022

Signed for

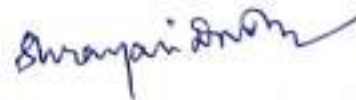
Jalpaiguri Govt. Engg. College



PROF. AMITAVA RAY
Principal
Address: Jalpaiguri Govt. Engg.
College, Jalpaiguri- 735102, West
Bengal, India

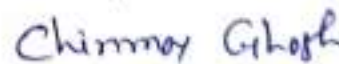
Prof. (Dr.) Amitava Ray
Principal
Jalpaiguri Govt. Engineering College
Jalpaiguri-735102

Witness: 1
Shrayasi Datta, Asst. Professor, JGEC



Date: 29.04.2022

Witness: 2
Chinmoy Ghosh, Asst. Professor, JGEC



Date: 29.04.2022