



MEMORANDUM OF UNDERSTANDING

BETWEEN

STEEL AUTHORITY OF INDIA LIMITED
BOKARO STEEL PLANT

AND

INDIAN INSTITUTE OF TECHNOLOGY (ISM)
DHANBAD



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STEEL AUTHORITY OF INDIA LIMITED-BOKARO STEEL PLANT
AND
INDIAN INSTITUTE OF TECHNOLOGY(ISM) DHANBAD

This Memorandum of Understanding (hereinafter referred to as "MOU") is made on Date: 5th July, 2022.

Between

Bokaro Steel Plant (BSL), an integrated steel plant of Steel Authority of India Limited (SAIL), a Government Company as defined in section 2 (45) of the Companies Act, 2013 and having its registered office at Ispat Bhawan, Lodhi Road, New Delhi - 110003(referred as SAIL-BSL henceforth), 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

Indian Institute of Technology(ISM) Dhanbad, located at Dhanbad, Jharkhand, India, and an autonomous statutory organization functioning within the purview of the Institute of Technology (amendment) Act, 1961 and being administered centrally by the IIT Council, an apex body established by the Govt. of India, herein after referred to as "IIT (ISM) Dhanbad"(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 IIT (ISM) DHANBAD is a premier academic institute providing Graduate, Post Graduate and Ph.D. degrees in the Technical Discipline/ Sciences/Management and having a collective of highly qualified scientists, academicians engaged in teaching and research activities and having regular interaction with international scientific community and ultimately contributes to the industrial development and economic growth of the country by preparing a cadre of engineers and scientists, who provide technical support in R&D for industries.

WHEREAS, this MoU is of a generic nature. For specific R&D projects, Training Programs 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 IIT (ISM) Dhanbad 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 IIT (ISM) Dhanbad and SAIL-BSL leading to publications, patents, copyrights etc.
- b) To identify and pursue joint research projects in the areas of Mines, Coke and Sinter Production, Raw Material Handling and Processing, Steel Production, New Process Development, Safety, Improvement in the Quality, Energy Conservation, Environment, Sustainability, trouble shoot technical problems and Digital Transformation relevance to SAIL-BSL& its Mines.
- c) Mentor Graduate/Post-Graduate/Research Scholars of IIT (ISM) Dhanbad 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 IIT (ISM) Dhanbad agree that detailed terms and conditions that guide each activity identified above will be separately determined and agreed upon by the two parties. 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. CONFIDENTIALLY AND INTELLECTUAL PROPERTY

SAIL-BSL and IIT (ISM) Dhanbad agree to respect each other's rights to intellectual property. Further, the Intellectual Property Rights (IPR) that arises because 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 date it is signed by representatives of the two parties. It will remain valid for five (5) years and may be automatically extended for the next five (5) years unless either party notifies the other of its intention to terminate the 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 IIT (ISM) Dhanbad will be responsible for any losses, financial or otherwise, which the other party may suffer. However, SAIL-BSL and IIT (ISM) Dhanbad 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, both the parties will host (provide food and lodging) the faculty / Officers/staff / project staff / research students during their stay at each other's premises.

F. DISPUTE RESOLUTION MECHANISM

Should there be a dispute relating to any aspect of research and cooperation, Director, IIT (ISM) Dhanbad and Director-In-Charge of SAIL-BSL will jointly resolve the dispute in a spirit of independence, mutual respect, and shared responsibility and shall be final and binding on both the parties.

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 Associate Dean (R&D)-Research Infrastructure of IIT (ISM) Dhanbad.

The Parties have executed this MoU on the date specified below.

Signed for

SAIL-Bokaro Steel Plant

B K TIWARY

NAME OF SIGNATORY

Designation: Executive Director (Works), SAIL-BSL

Address: Administrative Building

Bokaro Steel Plant

Bokaro Steel City-827001

Jharkhand

Witness:

VED PRAKASH

CGM (MAINT.)

BOKARO STEEL PLANT

Date: 05.07.2022

Signed for

IIT (ISM) Dhanbad

Prof. SAGAR PAL

NAME OF SIGNATORY

Associate Dean (R&D)

Research Infrastructure

Address: IIT (ISM)-Dhanbad

Jharkhand, India

Witness:

Dr. R.K. Gangwar

Associate Dean (R&D)

IIT (ISM) Dhanbad