



Memorandum of Understanding (MOU)



Between

**Steel Authority of India Limited, IISCO Steel Plant,
Burnpur (SAIL-ISP, BURNPUR)**

And

**Birsa Institute of Technology,
Sindri (BIT SINDRI)**



This Memorandum of Understanding (hereinafter referred to as "MOU") is made on August 05, 2021 between Birsa Institute of Technology, Sindri (hereafter referred to as 'BIT-SINDRI'), an educational institute established in 1949 situated in Sindri, Jharkhand and Steel Authority of India Limited, IISCO Steel Plant, Burnpur, West Bengal ((hereafter referred to as 'SAIL-ISP'), an integrated Steel Plant having its registered office at Lodi Road, New Delhi-110003.

Preamble:

SAIL-ISP is committed to nation-building under the Make in India initiative of the Government of India by producing high-quality steel products like Blooms, Billets, Wire Rods, TMT Bars, Channels, Angles, Structural, Parallel Flange Beams, Universal & special sections , Pig Iron & Coal Chemicals

BIT-SINDRI is engaged in academic activities with a vision to provide valuable human resources for the industry and society through excellence in technical education and research for sustainable development in the country.

This Industry-Academia collaboration is intended to provide a platform for innovation, research, application and training to both BIT-SINDRI students, Faculty & SAIL-ISP personnel, especially in the wake of Industry 4.0 revolution.

Article I: Scope of Cooperation

During the term of such partnership, the following shall be the joint obligations and the deliverables of BIT Sindri and SAIL-ISP:

1. Digital transformation projects towards Process Optimization/ Asset Management/ Life Cycle Assessment/ Improvement in Overall Equipment Effectiveness (OEE), etc. in areas of Steel Making, Manufacturing, Information Technology etc. to trouble-shoot technical problems in various production processes of SAIL-ISP.
2. Joint Research and Development activities, including those related to innovation and creativity, between BIT SINDRI and SAIL-ISP leading to publications, patents, copyrights, etc.



BIT SINDRI shall:

- a. Mentor and Encourage B.Tech./M.Tech. students and Research Scholars of their institute for undertaking Internships / Projects at SAIL-ISP.
- b. Provide technical support for joint projects by utilizing the capacity in their Laboratories/Innovation Hubs and through visit to SAIL-ISP premises.

SAIL-ISP would:

- a. Provide support to BIT SINDRI for exploring solutions to remove technical bottlenecks in jointly identified areas in line with Article 1.
- b. Provide Internship / Project opportunities to B.Tech./ M.Tech. students, research scholars and faculty members from the BIT SINDRI at mutually agreed rates after approval of ISP management.

Article II: Financial Implications

All activities that may have financial implication shall be worked out jointly through the agreement of both the parties and a separate agreement shall be arrived for each of these financial activities on case to case basis.

Article III: Confidentiality and Intellectual Property Rights (IPR)

1. All information and document to be exchanged pursuant to the MOU will be kept confidential by both the parties and shall remain the exclusive property of the disclosing party. The parties agree that this MOU and the disclosure of the confidential information do not grant or imply any license, interest or right in respect of any intellectual property right of the other party.
2. The Intellectual Property generated out of independent research activities of either party will be owned solely by such party. Any intellectual property generated out of joint research activities during the course of MOU shall be shared between the parties as per the understanding and agreement for each of these activities.
3. Either of the parties can publish research / study results keeping the IPR of the other party secured. In case the IPR of the other party is necessary to be disclosed in the research / study results, the same can be published after obtaining prior consent of the other party which shall be given within 30 days of the request through a process of acknowledgment.



Article IV: Commencement, Renewal, Termination and amendment

This MOU shall be valid for an initial period of three (3) years commencing from the date of execution and may be renewed thereafter with mutual consent. The MOU may be extended for a period mutually agreed by the parties after proper assessment of activities of earlier agreement. Notification for termination at any point of time shall be made in writing at least three (3) months in advance. The MOU should be modified or amended by written agreement between the parties.

Article V: Non-Exclusivity

Both parties are at liberty to explore and identify new areas of co-operation with each other or with third parties whether jointly or singly so long as such cooperation does not deviate from the provisions of this MOU.

Article VI: Disclaimer

Each party shall be solely responsible for its own acts and omission (including the acts and omissions of its employees and other agents) and neither party will have the authority nor will purport to act, or legally bind, the other party with a third party except as agreed in writing by the parties.

Article VII: Co-ordination 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 the MOU. At least one member from each side may have his tenure of service higher or equal to the term of the MOU.

Article VIII: Dispute resolution

In the event of any differences or disputes arising out of the interpretation or application of the provisions of this MOU, the parties shall resolve such differences or disputes in a spirit of mutual understanding and co-operation. In the case of disputes not resolved, the same shall be presented to Director of BIT SINDRI and Executive Director (P&A), SAIL-ISP. The decision of the Director, BIT SINDRI and Executive Director (P&A), SAIL-ISP, SAIL-ISP shall be binding to both parties. In case of dispute not getting resolved further, the dispute shall be resolved as per the Arbitration and Conciliation Act, 1996. All legal proceedings shall be within the jurisdiction of Paschim Bardhaman district, West Bengal.



In WITNESS WHEREOF, the parties have executed this MOU by their duly authorized representative as on the date first written above.

The memorandum of Understanding (MOU) is signed in two originals in English Language.

Signed at Burnpur on the 05-08-2021.

For and on behalf of BIT SINDRI

Signature:

Name:

Design:

Address:

Tel. No.:

Email ID:

U. Prasad ^{Dean}
ACADEMIC
B. I. T. SINDRI

Upendra Prasad

Prof & Dean Academic

B. I. T. SINDRI

0326-2350495

dean.ac@bitsindri

For and on behalf of SAIL-ISP

Signature:

Name:

Design:

Address:

Tel. No.:

Email ID:

In the presence of
Signature

Name:

Design

[Signature]
(Prof. P. K. Singh)
Director
B. I. T. SINDRI
(DHANBAD)

In the presence of
Signature

Name:

Design

