



**MEMORANDUM OF UNDERSTANDING**

**for**

**Standardization & Conformity Assessment  
Collaboration**

**between**

**BUREAU OF INDIAN STANDARDS**

**&**

**NATIONAL INSTITUTE OF TECHNOLOGY, RAIPUR**



## **MEMORANDUM OF UNDERSTANDING**

**FOR  
STANDARDIZATION & CONFORMITY ASSESSMENT COLLABORATION  
BETWEEN**

**Bureau of Indian Standards  
And  
National Institute of Technology Raipur, Chhattisgarh**

This Memorandum of Understanding ('MoU') is made on Twenty fourth day of January, 2024 between the **Bureau of Indian Standards**, the National Standards Body of India established under the Bureau of Indian Standards Act, 2016 for the harmonious development of the activities of standardization, conformity assessment and quality assurance of goods, articles, processes, systems and services and for matters connected therewith or incidental thereto, having its Headquarters at 'Manak Bhavan', 9 Bahadur Shah Zafar Marg, New Delhi-110002, hereinafter referred to as the Bureau, or the **FIRST PARTY**.

and

**National Institute of Technology Raipur** is an Institute of National Importance under the aegis of Ministry of Education, Govt. of India. The institute is committed to the challenging task of development of technical education by preparing seasoned graduates in highly sophisticated fields of engineering and technology. The programmes of the institution have been accredited by the National Board of Accreditation (NBA), India to cater academic programme in engineering & technology.

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*[Signature]*

NIT Raipur presently offers 12 undergraduate (UG) and 6 Postgraduate (PG) courses including M.C.A and M.Tech in Applied Geology. The Institute offers facilities for Ph.D. and also undertakes R&D activities, provides testing, consultancy and other extension services including continuing education to the industry through the Industry Institute Interaction Cell and the placement of the student through the Career Development Centre. The students have brought laurels to the institute and very well placed in Government organizations, public and private sectors, multinational companies, universities, research organizations in India and abroad as well. National Institute of Technology Raipur has its office at NIT Raipur, G.E. Road, Raipur, Chhattisgarh-492010 hereinafter referred to as NITRR, or the **SECOND PARTY**.

Both the Bureau and NITRR hereinafter refer to individually as the 'Party' and collectively as 'Parties'.

## **1. General**


**1.1** The Bureau, with this Memorandum of Understanding (MoU) with NITRR intends to develop collaborative activities in the field of Standardization and Conformity Assessment on the basis of equality and reciprocity and in accordance with terms and conditions set forth in this memorandum of understanding (MoU). The collaboration will be established within the principles set out in the following sections.

**1.2** NITRR nominates **Dr. J. Anandkumar**, Associate Dean (R&C) and Associate Professor, Department of Chemical Engineering, NIT Raipur as a Nodal Officer, who may be called Education Outreach Coordinator. Also, **Dr. Raj Kumar Sahu**, Assistant Professor, Department of Mechanical Engineering, NIT Raipur as Coordinator for smooth execution of MoU activities between both the parties.

## **2. Objectives**

**2.1** Both the Parties agree to develop the following collaborative activities in the areas of Standardization and Conformity Assessment on the basis of equality and reciprocity.

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**2.2** NITRR and the Bureau agree to collaborate in the following areas:

- a) Participate in Standardization activity through Technical Committees of the Bureau at National & International level.
- b) Undertake R&D Projects related to standardization and conformity assessment,
- c) Develop infrastructure support for R&D Projects of relevance to standardization. The Bureau will provide infrastructure support for R&D Projects of relevance to Standardization. The terms and conditions for infrastructure support and finance to be jointly worked out based on the R&D Projects.
- d) Provide IT based technological solutions regarding various activities of the Bureau, including Conformity Assessment processes, as and when required. The detailed guidelines for such projects would be worked out separately as may be mutually agreed to.
- e) Jointly organize seminars, conferences, workshops symposia or lectures on topics of Standardization and Conformity Assessment and to invite each other's faculty to participate therein.
- f) Exchange publications and other literature of common interest related to Standardization and Conformity Assessment.
- g) Exchange information on research and educational programmes and other programmes relevant to Standardization and Conformity Assessment.
- h) NITRR to consider introduction of topics on standardization in academics for which the Bureau would provide all inputs required to create teaching modules on the concept of Standardization and Conformity Assessment.
- i) Jointly organize training and short-term education programmes on Standardization and Conformity Assessment.

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- j) Explore the possibility for setting up a Centre of Excellence in the field of Standardization, Testing & Conformity Assessment at NITRR.
- k) Explore the possibility of hiring of NITRR faculty as consultants on secondment basis.
- l) Explore the possibility of using laboratory facilities available at NITRR for catering to the needs of various Conformity Assessment Schemes of the Bureau.
- m) Any other mutually agreed to area of collaboration.

**2.3** Terms and conditions for various collaborations will be worked out under mutual agreement.

### **3. Intellectual Property Rights:**

**3.1** Ownership of any intellectual property, including but not limited to confidential information, know-how, patents, copyrights, design rights, rights relating to computer software, and any other industrial or intellectual property rights, developed solely by NITRR shall be vested with that Party.

**3.2** Ownership of any intellectual property, including but not limited to confidential information, know-how, patents, copyrights, design rights, rights relating to computer software, and any other industrial or intellectual property rights, developed solely by the Bureau shall be vested with that Party.

### **4. Effective Date, Duration, Termination of the MoU:**

**4.1** This MoU shall be effective from the 24<sup>th</sup> January 2024 and shall remain in force for a period of five (5) years there from. The parties may extend the term as mutually agreed to, in writing. This MoU may be terminated by either Party by giving a written notice of sixty (60) days to the other Party hereto.

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## **5. Confidentiality**

**5.1** The Receiving Party shall ensure confidentiality of documents and information received and marked as confidential of the Disclosing Party, within the framework of this MoU. The documentation and information can be shared with a third party only with the written consent of the Disclosing Party.

**5.2** The obligation of non-disclosure of such documentation and information shall survive till the validity of this MoU.

## **6. Warranty**

**6.1** Any and all deliverables, information, proposed publication, materials, reports, Services, intellectual property, other property or rights ("Results") and Confidential Information, granted or provided by NITRR pursuant to this MoU are on an as-is-where-is basis. NITRR does not make any warranties of any kind, either express or implied, as to any matter including, but not limited to, warranty of fitness for particular purpose, or merchantability, exclusivity or results obtained from use. NITRR or its personnel shall not be liable for any loss or damage including third party damage that may arise out of usage of the Results or/and Confidential Information, by the Bureau under this MoU.

## **7. Resolution of Disputes**

The Bureau and NITRR will jointly resolve the dispute in a spirit of independence and shared responsibility. In case, there be a dispute relating to any aspect of the cooperation, NITRR and the Bureau will jointly resolve the dispute in a spirit of independence, mutual respect, and shared responsibility. The interpretation and enforceability of this MoU shall be determined according to laws of India.

## **8. Amendment**

This Memorandum of Understanding may be amended or supplemented at any time by written agreement between the Parties.

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9. The MoU becomes effective by the signature of the Parties.

Signed

**Dr. N.V. Ramana Rao**

Director

National Institute of Technology, Raipur



Seal

Date: 24/01/2024

Witness: Dr. Prabhat Diwan

Professor and Dean (Research & Consultancy)

National Institute of Technology, Raipur

Date: 24/01/2024

Signed

**Dibyendu Chakrabarti**

Scientist-G and Deputy Director General (Eastern Region)

Bureau of Indian Standards

**दिवेंदु चक्रवर्ती/DIBYENDU CHAKRABARTI**  
केलिन-बी एवं एन एन सिटी (एई)/Scientist-G & Deputy Director General (Eastern)  
भारतीय मानक ब्यूरो/BUREAU OF INDIAN STANDARDS  
एन एस आई सी भवन (आठवीं मंजिल), प्लॉट नंबर 7/7, 7/8  
ब्लॉक - सीपी, सेक्टर - व्ही, गॉल्ट ले-ड, कोलकाता-700091  
NSIC Building (8th Floor) at Plot No. 7/7, 7/8  
Block - CP Sector - V, Salt Lake, Kolkata - 700091

Seal

Date: 24 January, 2024

Witness: Sumit Kumar

Scientist-D & Joint Director Raipur Branch Office

Bureau of Indian Standards

Date: 24 January 2024