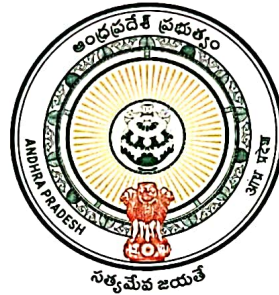


**MEMORANDUM OF UNDERSTANDING
TO ENHANCE INDUSTRIAL SAFETY PRACTICES**

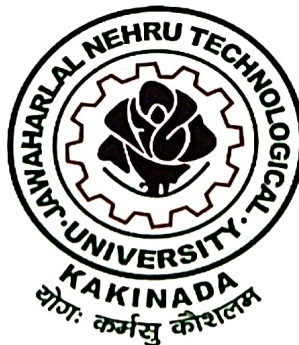
BETWEEN

GOVERNMENT OF ANDHRA PRADESH



AND

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,
KAKINADA (JNTUK)**



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is made and entered into on this 11th day of August, 2025 by and between:

Jawaharlal Nehru Technological University, Kakinada (JNTUK), a premier technological university established under the A.P. Government Act, having its office at Kakinada – 533003, Andhra Pradesh (hereinafter referred to as “JNTUK”, which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assignees), of the one part,

AND

Directorate of Factories, Government of Andhra Pradesh, having its office at D.No.16-72/1, Adjacent to Andhra Hospital, Gollapudi, Vijayawada, NTR District – 521225 (hereinafter referred to as “DoF”, which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assignees), of the other part.

Preamble

Whereas JNTUK is a prestigious public university committed to teaching, research, and consultancy in engineering, technology, and applied sciences, possessing expertise in industrial safety, risk assessment, and innovation in engineering practices.

Whereas the Directorate of Factories, Government of Andhra Pradesh, is the statutory authority enforcing the Factories Act, 1948 and Andhra Pradesh Factories Rules, 1950, responsible for ensuring occupational health, industrial safety, and welfare of workers in factories, particularly those involving hazardous processes.

Whereas both parties recognize the need for a collaborative approach to enhance industrial safety practices, strengthen regulatory compliance, and improve the technical capacity of both regulatory and industrial stakeholders.

Now, therefore, both parties have decided to enter into this MoU to collaborate in areas of mutual interest as outlined below.

1. Objective

To establish a strategic and technical partnership between JNTUK and the Directorate of Factories to support implementation of safety management practices, conduct technical studies, and promote industrial safety awareness across the state of Andhra Pradesh.

2. Scope of Work

- Conduct safety audits, especially in hazardous and chemical industries.
- Undertake technical studies such as HIRA (Hazard Identification and Risk Assessment), HAZOP (Hazard and Operability Study), and HARA (Hazard Analysis and Risk Assessment).
- Investigate industrial accidents and analyze root causes to recommend preventive and corrective actions.
- Review third-party safety audit reports submitted by factories for accuracy and completeness.
- Prepare and evaluate key statutory safety documents such as Safety Reports, On-site and Off-site Emergency Plans.
- Advise on global best practices, emerging safety technologies, and potential policy interventions.
- Support training and capacity building of factory inspectors, safety officers, and factory personnel.
- Promote research, analysis of accident trends, and data-driven decision-making for strengthening regulatory oversight.

3. Responsibilities

- JNTUK shall provide expert personnel, research tools, and institutional resources to execute the scope of work effectively.
- JNTUK shall provide guidance on advanced and industrially safe layout design for the new Process Plants and revise existing layouts by incorporating IOT Technologies.
- Directorate of Factories shall facilitate necessary permissions, access to factories, data support, and official coordination for implementation of the activities such as internships, On-Job training (OJT) for the students and faculty of Chemical Engineering, Petroleum Engineering, Mechanical Engineering and Electrical and Electronics Engineering.
- Directorate of Factories shall provide the necessary support for the start-up ideas.

4. Charges, Financial Terms & Conditions

Project-specific budgets, deliverables, and timeframes shall be mutually agreed upon and formalized through separate work orders or agreements under this MoU.

5. Duration and Termination

- This MoU shall remain valid for a period of two (2) years from the date of signing, unless terminated earlier by mutual consent.
- Either party may terminate this MoU by giving three (3) months' notice in writing.
- Termination shall not affect any ongoing activities or obligations already undertaken.

6. Confidentiality

Both parties shall ensure the confidentiality of data, documents, and information exchanged or generated during the course of collaboration and shall not disclose it to any third party without written consent.

7. Dispute Resolution

Any disputes arising out of or in connection with this MoU shall be resolved amicably through mutual discussions and negotiations within a period of 30(thirty) days from the date of notice of such dispute by either party. Failing such resolution, the matter shall be referred to arbitration under the Arbitration and Conciliation Act, 1996. The venue of arbitration shall be Vijayawada.

8. Amendments

Any modification or amendment to this MoU shall be valid only if made in writing and duly signed by the authorized representatives of both parties.

9. Signatories

IN WITNESS WHEREOF, the parties have executed this MoU on the day month, and year mentioned above.

For Jawaharlal Nehru Technological University, Kakinada

Signature: R. Srinivasa Rao

Name: (Dr. R. Srinivasa Rao)

Designation: REGISTRAR

Seal: J.N.T. University Kakinada
Kakinada-520002

For Directorate of Factories, Vijayawada, Andhra Pradesh

Signature: M. Mohana Rao

Name: (M. MOHANA RAO) 11/8/2025

Designation: Director of Factories

Seal:

