

MEMORANDUM OF UNDERSTANDING (MOU)

For
Academic Collaboration

BETWEEN



Jharkhand Government Tool Room, Ranchi
Plot No. 38, Phase-I, Tatisilwai Industrial Area
Tatisilwai, Ranchi, Jharkhand.

&



JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI

Science & Technology Campus, Sirkha Toli, Namkum,
Ranchi-834010, Jharkhand, India.

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this the 16th of September 2023.

BETWEEN

1st party

"**Jharkhand Government Tool Room Ranchi**" represented herein by its Principal **Shri Mahesh Kumar Gupta** (Hereinafter referred as "**JGTR**", the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

AND

2nd party

"**Jharkhand University of Technology**" represented herein by its Registrar **Dr Amar Kumar Choudhary** (herein after referred as "**JUT Ranchi**", the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

WHEREAS:

- A) JGTR has been setup by the Government of Jharkhand with Central Assistance from Ministry of MSME, Government of India and is aimed for imparting training in the field of design & manufacturing. It is an ISO 9001, ISO 50001, and ISO 29990 certified institute with separate training and production wings. The broad areas of specialization of JGTR are as follows:
- Conducting AICTE approved 4 years Diploma in Tool & Die Making courses (Equivalent to Diploma in Mechanical)
 - Various industry oriented skill development courses in the area of Machinist, Welder, Fitter, Electrician, CNC, CAD/CAM, TQM, Inspection & Quality Control, 5S, Six Sigma, CNC Maintenance, PLC Programming, Mobile phone repairing, Computer hardware & Network management, etc.

- Training on latest design software like Auto CAD, DELCAM, Pro/ENGINEER, CATIA, HyperWorks, STAADPro, etc.
- Having full-fledged production department equipped with a comprehensive range of imported and indigenous CNC machine like CNC Turning, CNC Machining Centre, Coordinate Measuring Machine, CNC EDM, CNC Wire cut, etc. including latest CAD/CAM.
- Design and Manufacturing of moulds, press tools, jigs & fixtures, gauges, die casting dies and precision machining.

B) Jharkhand University of Technology (JUT), Ranchi has been established by the Jharkhand University of Technology, ACT, 2011 (Jharkhand ACT 18, 2015), published vide gazette No.- 855 date 08/12/2015. JUT located at Science and Technology campus, Sirkhatoli, Namkum, Ranchi, Jharkhand-834010. The whole of Jharkhand shall be the territorial jurisdiction under the JUT, Ranchi. JUT is intended to promote the creation of a centre of excellence in education and research in science, Technology, Engineering and Management, Town Planning, Pharmacy, Applied Arts and Crafts, Applied Science and such other programmes or areas as the central Government may in consultation with the All India Council for Technical Education by notification in the Gazette declare and need of Jharkhand. At present there are 16 Engineering Colleges and 43 polytechnics.

C. SCOPE OF THE MOU

- a) The budding graduates from the institutions could play a key role in technological up-gradation, innovation, and competitiveness of an industrial facility. Both JGTR and Jharkhand University of Technology believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.

b) JGTR and Jharkhand University of Technology believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

c) Both JGTR and Jharkhand University of Technology intend to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.

d) Both JGTR and Jharkhand University of Technology, being legal entities in themselves desire to sign this MOU for advancing their mutual interest.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

CLAUSE 1: CO-OPERATION

- 1.1 Both JGTR and Jharkhand University of Technology are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations to achieve their Institutional objectives. They shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
- 1.2 JGTR and Jharkhand University of Technology co-operation will facilitate effective utilization of the intellectual capabilities of the faculties of JGTR and Jharkhand University of Technology providing significant inputs to them in developing suitable teaching/training systems, keeping in mind the needs of the industry. It will help the faculties of JGTR and Jharkhand University of Technology suitably customize the course curriculum so that the students benefit.

into the industrial scenario meaningfully.

- 1.3 Jharkhand University of Technology shall plan the Skill/Technology/Entrepreneurship training for its students in consultation with JGTR and ensure that the students to go through the training provided by JGTR. The fees for training programmes shall be mutually decided based on the relevant factors and considering the long term objectives of the Agreement. A certificate will be issued by JGTR to the students on the successful completion of the training programme as per the JGTR guidelines.
- 1.4 JGTR will permit the Faculty and Students of Jharkhand University of Technology to visit its laboratories and manufacturing facilities. Hence, the Faculty and Students of Jharkhand University of Technology will get an opportunity to see and learn the application of the latest technologies and global best practices.
- 1.5 JGTR shall extend its support and facilities to the students of Jharkhand University of Technology to complete/fabricate their final year projects. All the expenditures involved for the same will be paid by the second party which shall be mutually decided. JGTR shall appoint a suitable guide as a mentor for such students.
- 1.6 JGTR shall extend the necessary support to deliver guest lecture to the student of Jharkhand University of Technology on the technology trends in order to bridge the skill gap and make them industry ready.
- 1.7 Both JGTR and Jharkhand University of Technology have agreed to extend their facilities to carry out the joint research/project/consultancy activities in the field of Design and Manufacturing. JGTR shall permit the Faculties of Jharkhand University of Technology to utilize the facilities available with JGTR and its branches/extension centers for conducting experiments/analysis for research purpose at minimal cost.
- 1.8 Both JGTR and Jharkhand University of Technology shall appoint a nodal

officer for mutual correspondence and managing the activities under this Understanding.

- 1.9 Development and revision of curriculum for the polytechnics and colleges of the State of Jharkhand affiliated to the JUT.
- 1.10 Development of an Incubation center and support for entrepreneurial and start-up activities, especially for technical students.
- 1.11 Promotion of possible improvement of the Traditional Knowledge System through the evaluation of its scientific and engineering.
- 1.12 Popularizing Value Education and Professional Ethics. → Exchange of faculty members.
- 1.13 Jointly organising conferences, seminars, workshops and faculty development programs. Development of technical books in Hindi and other Indian languages.
- 1.14 Collaborate with Technical Institutes coming under Jharkhand University of Technology to impart Employability centric skill enhancement training to their students at the three centres of Jharkhand Government Tool Room namely JGTI Ranchi, JGTR Dumka and JGTR Gola. Capacity of each centre to impart training to students in a year is as follows: JGTR, Ranchi: 3000 nos., JGTR Dumka: 1000 nos. JGTR Gola: 500 nos. **An Annexure is being attached comprising of the list of the courses at offer.**

CLAUSE 2: GENERAL AGREEMENT

- 2.1 There is no financial commitment on the part of both the parties JGTR and Jharkhand University of Technology to take up any programme mentioned in this MOU. If there

is any financial consideration, it will be dealt separately.

- 2.2 It is expressly agreed that JGTR and Jharkhand University of Technology are acting under this Understanding as independent contractors, and their relationship established under this MOU shall not be construed as a partnership.
- 2.3 Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party.
- 2.4 Neither Party shall have, nor represent itself as having, any authority under the terms of this Understanding to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.
- 2.5 Nothing Party contained in this Understanding shall, by express grant implication, Estoppel or otherwise, create in either Party any right, title interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.
- 2.6 This MOU is valid with effect from the date of the last signature at the end of the document.
- 2.7 This MOU will be valid for three years and may be renewed on mutual agreement.
- 2.8 Either Party may terminate this MOU unilaterally (without assigning any reason) by giving an advanced notice of one month to the other in writing. In the event of termination, both Parties have to discharge their obligations.

2.9 This agreement may not be amended without the prior written consent of both the Parties JGTR and Jharkhand University of Technology.

AGREED:

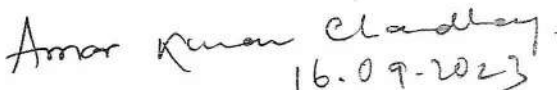
**For 1st party "Jharkhand Government
Tool Room Ranchi**


(Mr. M.K Gupta)
Principal

Jharkhand Government Tool Room
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Area, Tatisilwai, Ranchi-835103
Contact: 0651-2265966
Email: info@jgmsmetr.com
principal@jgmsmetr.com

Web: www.jgmsmetr.com

**For 2nd party "Jharkhand University of
Technology"**


16.09.2023


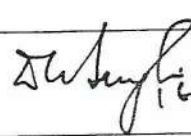
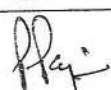
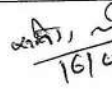
(Dr. Amar Kumar Choudhary)
Registrar

JHARKHAND UNIVERSITY OF
TECHNOLOGY,RANCHI Science & Technology
Campus, Sirkha Toli, Kali Nagar, Namkum,
Ranchi-834010, Jharkhand, India.

Email:.....

Web: www.jutranchi.ac.in

**Witness where both the parties have set their hands here to on 16th day of Septe:
2023.**

For 1st party "Jharkhand Government Tool Room, Ranchi"	For 2nd party "JHARKHAND UNIVERSITY O TECHNOLOGY"
1.  16/9 Sr. Admin Officer JGTR, Ranchi	1.  16/9/23 VC, JUT Ra
2.  16/09/2023	2.  16/09/2023 AR, JUT, Ranchi

Annexure

SL. NO.	BRANCH	COURSE	DURATION
1	MECHANICAL/PRODUCTION/AUTOMOBILE	ADVANCE AUTOCAD	01 MONTH
		PROGRAMMING & OPERATION OF CNC MACHINES	01 MONTH
		DESIGN USING CATIA	01 MONTH
		DESIGN USING CREO	01 MONTH
		HYPERWORKS	01 MONTH
		DESIGN & MANUFACTURING USING NX	01 MONTH
		ENGINEERING DRAWING	01 MONTH
		PROJECT ON MANUFACTURING OF JIG/FIXTURE/PRESS TOOL/MOULD	01 MONTH
		CERTIFICATE COURSE IN METROLOGY & PRECISION MEASUREMENT USING CMM	01 MONTH
		METAL CUTTING THROUGH CONVENTIONAL MACHINES	01 MONTH
		NON-CONVENTIONAL MACHINING PROCESS (EDM/WIRE EDM)	01 MONTH
		MAINTENANCE AND REPAIR OF TWO WHEELER	01 MONTH
2	ELECTRICAL/ELECTRONICS/ ELECTRONICS AND COMMUNICATION	PLC PROGRAMMING & SCADA	01 MONTH
		EMBEDDED SYSTEM	01 MONTH
		ELECTRICAL AUTOCAD	01 MONTH
		ADVANCE COURSE IN ELECTRICAL AND ELECTRONIC ENGINEERING	02 MONTHS
		INTERNSHIP ON INDUSTRIAL AUTOMATION USING PLC	01 MONTH
		SOLAR POWER TECHNOLOGY	01 MONTH
		PROJECT BASED ON AUTOMATION , ROBOTICS AND 3D PRINTING	01 MONTH
		ENGINEERING DRAWING	01 MONTH
3	COMPUTER SCIENCE , IT BCA & MCA	.NET	01 MONTH
		JAVA	01 MONTH
		WEB DESIGNING	01 MONTH
		NETWORK MANAGEMENT	01 MONTH
		C++	01 MONTH
		AUTOCAD	01 MONTH
		PHP	01 MONTH
		SQL	01 MONTH
		COMPUTER HARDWARE	01 MONTH
		ENGINEERING DRAWING	01 MONTH
		CCNA	01 MONTH
		PROJECT	01 MONTH
4	CIVIL ENGINEERING	ADVANCE CIVIL AUTOCAD	01 MONTH
		STADD-PRO	01 MONTH
5	MINING ENGINEERING	ADVANCE CIVIL AUTOCAD	01 MONTH