Memorandum of Understanding (MOU)

Between

Jharkhand University of Technology (JUT)
Science and Technology Campus
Sirkha-Toli, Namkum, Ranchi – 834010, Jharkhand
(Herein after referred to as "JUT")

And

Adityapur Auto Cluster
Near Adityapur Toll Bridge, Tata Kandra Main Road,
Adityapur Industrial Area, Adityapur, Jamshedpur, Jharkhand 832109
(Herein after referred to as "AAC")

This Memorandum of Understanding ("MoU") is entered to and effective as of 4rd July, 2024,

by and between

Jharkhand University of Technology (JUT), having its registered office at Science and Technology Campus , Sirkha-Toli, Namkum, Ranchi – 834010, Jharkhand, and hereafter unless the context otherwise requires be referred to as "JUT".

And

Adityapur Auto Cluster (AAC), Near Adityapur Toll Bridge, Tata Kandra Main Road, Adityapur Industrial Area, Adityapur, Jamshedpur, Jharkhand 832109, and hereafter unless the context otherwise requires be referred to as "AAC".

Whereas,

The Academia – Industry Collaboration Initiative aims to work towards leveraging natural resources of Jharkhand for Industrial and Infrastructural Development. The initiative expect to facilitate positive growth in the economic and social development of the state of Jharkhand by forging strong partnerships between the university, industry and practitioners/professionals/stakeholders. The initiative envisions:

a) Create opportunities for university ecosystem like administrators, faculty members and students to have first-hand access to industry and learn directly from practitioners / professionals.

ADITYAPUR AUTO CLUSTER

b) Provide appropriate expertise, support and resources to the university and its constituent Institutes to design courses and curricula that are tuned to the needs of industry.
c) Provide industry the opportunity to engage with experienced practitioners / professionals, students & research faculty and leverage their knowledge in developing and adding value to the industry and relevant ecosystem.

About JUT

Jharkhand University of Technology (JUT), Ranchi was established in 2017 with a vision 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 in consultation with the All India Council for Technical Education (AICTE) and need of Jharkhand. Whole of Jharkhand being its territorial jurisdiction, JUT has over 64 nos of Polytechnic (Diploma), Pharmaceutical, MBA and Undergraduate (B. Tech.) institutes running under Private, PPT and Govt. modes (including BIT Sindri, Dhanbad).

About AAC

Adityapur Auto Cluster (AAC) : a movement by the Adityapur Small Industries Association (ASIA) & Industrial Infrastructure Up-gradation Scheme (IIUS) is registered under the Companies Act 1956 under section 25 as a non-profit organization, with a financial grant from the Government of India and Government of Jharkhand. It's focus is to provide the industrial infrastructure facilities to industry with the help of financial assistance from GOI with nominal investments by local industrial units so that they can consistently perform YoY to make tangible gains in current market. AAC is the 1st largest auto cluster in Eastern India.

AAC plays the role of catalyst. With team of professionals having extensive experience in design to manufacturing, AAC is capable of handling the most demanding customer requirements. AAC ensures delivery of high quality design models that meet our client's specification & promise in complete secrecy.

1. Objectives of MoU

To help achieve sustainable development goals and to be self-reliant through synergetic collaboration of AAC & it's Industries and JUT Institutes This would help to enhance the Human Development Index (HDI) of Jharkhand State through

a. Creating Industry-ready Technical Professionals
b. Providing Technical Consultancy by addressing industry problems
c. Developing eco system for Innovation and Start-ups
d. Skill Development and Enhancing employability for life of the youth
e. Growth of Jharkhand State in GDP per Capita.

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2. Broader Scope of MoU

The budding graduates from the JUT institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. The close co-operation between the industry and institutes would be of major benefit to the student community to enhance their skills and knowledge as well as to the industries in deploying ready-skilled manpower thereby improving their operations.

The potential areas of collaborations will be as follows:

A. **Industrial Training & Visits:** Create opportunities for faculty members and students of institutions to have access to industry and learn directly from practitioners / professionals. Industry and Institution interaction will give an insight into the latest developments / requirements of the industries. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career through the hands-on training at industry's Labs / Workshops / Industrial Sites.
B. **Internships and Placement of Students:** As per AICTE internship policy, facilitating and providing summer internship training / projects in industry and Campus recruitment of eligible students as per norms of the industries wherever applicable.
C. **Research and Development:** Fostering research collaboration between industry and institutes for long-term partnerships by joint industry and research activities. Recognising the mutual interest in the fields of Research, Training and development and dissemination of knowledge, to carry out the joint research activities in the fields of interests of industry and institute.
D. **Industry Problem Solving:** Giving industry the opportunity to engage with experienced practitioners / professionals along with students and research faculty to leverage their knowledge in providing value added services.
E. **Curriculum Design:** Capturing valuable inputs from industry in teaching / training methodology and suitably customizing the curriculum so that the students fit into the industrial scenario meaningfully.
F. **Skill Development Programs:** Training the students by industries on the emerging technologies in order to bridge the skill gap and make them industry ready.
G. **Guest Lectures:** Industry to extend the necessary support to deliver guest lectures to the students of the institutes on the technology trends and in house requirements.
H. **Faculty Development Programs:** Industry to train the faculties of institutes for imparting industrial exposure/ training as per the industrial requirement considering the National Occupational Standards (NOS) in concerned sector.

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3. Expected Benefits of MOUs

3.1 For AAC & it's Industries:

- The opportunity to pre-screen most ambitious and enthusiastic students who thrive on challenge
- The opportunity to evaluate temporary employees while deciding whether to make a permanent offer
- An infusion of new ideas and methods
- An excellent source of short-term employees
- The opportunity to train an employee in your particular methods and processes
- Participation in the educational process
- Increased opportunities for technology transfer

3.2 For Students and Faculties:

- Bridge the gap between theoretical study and the professional world
- Become professionals who can take their learning in the classroom and adapt it to the workplace
- Get a head start on classroom learning by working with engineering principles on the job
- Have Internship Program participation noted on their transcripts
- Gain self-confidence and motivation and develop expertise in interacting with experts
- Become more employable because they're already trained and can be productive immediately
- Develop professional behaviour and social skills

3.3 For Institutions:

- Better use of classrooms, laboratories and other facilities
- Better relations with industry, government, and business
- Better prepared students who are more desirable to employers and are ready to meet today's challenging work environment.
- Better educated students with leading edge technology training in the workplace as well as insight into professionalism and proper social behaviour
- Technology transfer Fiscally responsible students
- Better education to all students by students returning to school and sharing their experiences with professors and classmates
- Partnerships with students and sponsoring corporations and be able to establish the Engineering Professional Practice program as one that is nationally recognized among students, parents, employers, and peer institutions.

4. **Financial Obligations:** As of now, there is no financial obligation amongst the two parties.

5. All parties agree to maintain at all times, a one-point contact for undertaking and overseeing the initiatives listed out in this MoU. Any change in the contacts below will be promptly notified to the other Parties.

ADITYAPUR AUTO CLUSTER

6. The MoU references good faith efforts by JUT and AAC and is an expression of the Parties' current intent and recognizes the fact that the execution of some of the terms of the MoU could require the Parties to enter into definitive agreements. It is understood that without such definitive agreements, the terms of the MoU are not binding and will not be relied upon by any party for any purpose and no party is or will be bound by the terms of this MoU, unless and until definitive agreements are signed.

7. The existence and substance of this MOU and the rights and obligations of the parties herein will be kept confidential by all two Parties and will not be disclosed to any other / third party without the prior written consent of the Parties.

8. This MoU supersedes all prior oral or written communication, discussions and representations which took place between the parties hereto in respect of the subject matter of this MoU. Any modification to this MoU shall only be made in writing with the mutual consent of the Parties.

9. Both parties have the right to withdraw from the program without assigning reason on giving notice of three months.

10. This MoU will be valid for the period of five years from effective date unless suspended or terminated earlier.

11. None of the Parties will acquire any rights to the intellectual property of the other Parties under this MOU.

12. Any notice under this MoU will be in writing and delivered by hand or by speed post or by E-mail, return receipt requested, to the other party at the registered office or as may be substituted by the notice. If any notice is sent by mail, notice will be effective on the date of receipt.

IN WITNESS WHEREOF, the parties hereto have executed this Understanding on the date, month and year, hereinabove written.

04/7/24

SIGNED BY (JUT)

(SNEH KUMAR)

निदेशक पाठ्यक्रम विकास
झारखण्ड प्रौद्योगिकी विश्वविद्यालय,
राँची

Jharkhand University of Technology

SIGNED BY (AAP)

For ADITYAPUR AUTO CLUSTER

Managing Director

Adityapur Auto Cluster