



## Government of Jharkhand

### Receipt of Online Payment of Stamp Duty

NON JUDICIAL

**Receipt Number :** 6ab8cca643683aa9dfc0

**Receipt Date :** 11-Feb-2023 09:39:56 am

**Receipt Amount :** 100/-

**Amount In Words :** One Hundred Rupees Only

**Document Type :** Agreement or Memorandum of an Agreement

**District Name :** Ranchi

**Stamp Duty Paid By :** JHARKHAND RAI UNIVERSITY

**Purpose of stamp duty paid :** MEMORANDUM OF UNDERSTANDING

**First Party Name :** DIRECTOR ICAR RESEARCH COMPLEX  
FOR EASTERN REGION PATNA

**Second Party Name :** JHARKHAND RAI UNIVERSITY

**GRN Number :** 2315718246

-: This stamp paper can be verified in the jharnibandhan site through receipt number :-

  
Registrar  
Jharkhand Rai University  
Ranchi



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इस रसीद का उपयोग केवल एक ही दस्तावेज पर मुद्रांक शुल्क का भुगतान के प्रमाण हेतु ही किया जा सकता है। पुनः प्रिन्ट कर अथवा फोटो कॉपी आदि द्वारा इसी रसीद का दूसरे दस्तावेज पर मुद्रांक शुल्क का भुगतान के प्रमाण हेतु उपयोग भारतीय मुद्रांक अधिनियम, 1899 की धारा 62 अन्तर्गत दण्डनीय अपराध है।

Umbrella Memorandum of Understanding  
between

ICAR Research Complex for Eastern Region, Patna

(Name of the ICAR Institute)

and

Jharkhand Rai University, Ranchi

[University/DU [Within NARS (AUs/ICAR DUs) or Outside NARS (Central/State  
Govt./Public

Sector Funded Institutions/State Universities/Autonomous Bodies/Private Universities or  
Institutions)]

*for facilitating*

Students' Training/Postgraduate Research

This Memorandum of Understanding (hereinafter referred to as MoU) is made on this 13<sup>th</sup> day of the month of February in the year 2023 by and between the ICAR Research Complex for Eastern Region (Name of the Institute) having its Head Office at Patna – 800014 (Bihar) [hereinafter called "ICAR-RCER"/First party], a constituent Research Institute of the Indian Council of Agricultural Research, Krishi Bhawan, New Delhi – 110 001 on the ONE PART and the Jharkhand Rai University, Ranchi [Name on the AU/ICAR-DU (Within NARS) or Central/State Govt./Public Sector Funded Institution/State University/Autonomous Body/Private University or Institution at Ranchi – 834010 (Jharkhand)] [ hereinafter called "JRU" /Second Party] on the OTHER PART (who for the purpose of this MoU are hereinafter collectively referred to as the parties).

The parties, having discussed fields of common research interests and allied activities between the two institutions, have decided to enter into long-term collaboration for promotion of students' training and quality postgraduate research in cutting edge areas in accordance with the provisions contained in the Guidelines issued vide Letter No. 2-8/2012-HRD dated 11<sup>th</sup> December, 2012 and 25 April, 2014 or as revised from time to time.

WHEREAS the "First Party" is involved in the studies on diverse issues relating to agricultural production in eastern states of India. The institute came into existence on 22nd February, 2001 with its headquarter at Patna and its regional stations at Darbhanga, Bihar and Ranchi, Jharkhand. Two KVKS at Buxar, Bihar and Ramgarh, Jharkhand are also attached to the Complex. Since establishment, the institute has undertaken research work in the areas of land and water resources management, crop, horticulture, aquatic crops, fishery, livestock and poultry, agro-processing and socio-economic aspects for agricultural development in the region so as to improve the livelihood of resource poor farmers. (specific mandated domain within the approved disciplines/divisions),

(Signature of First Party)

Director

(Signature of Second Party)

Registrar  
Jharkhand Rai University  
Ranchi

AND WHEREAS the "Second Party", establishment vide F. No. 5/V.1-42/2011/843 dated 7<sup>th</sup> July 2012 by Govt. of Jharkhand (Name of the Agency) vide Act No 03 of 2012 and recognized by University Grants Commission] at its Department of Jharkhand Rai University involved in imparting education in different branches of Agriculture and allied sciences, Diploma in Pharmacy, Bachelor of Pharmacy, Diploma in Mining, B.Tech in Mining, BBA, MBA, BCA, MCA, Law, BPT and B.Tech Computer Science allied sciences and to undertake extension of such specialized knowledge to the needy people


AND WHEREAS it has been considered expedient to agree in writing to participate jointly in the projects requiring expertise and logistic from the both the parties.

#### Article 1. Scope


- 1.1 The Second party will recognize the First party as an Institute for conducting research related to the thesis requirement of the research students for M.Sc./ Ph.D. (Name of the degree programme). The Second party will recognize Scientists of the ICAR Institute as recommended by its Director in accordance with the University rules and regulations for guiding students working for the said degree.
- 1.2 Operational details of research effort and collaboration will be made in common research programmes and/or projects restricted to specific mandated domain within the approved disciplines/ divisions. The objective(s) for research work for a student coming from a Second party outside NARS should be exclusively different as far as possible.
- 1.3 Research instrumentation facility and library facilities available with the First party and the Second party will be made available to the faculty and research scholars. However, the costs of specific consumables will be borne by the respective organizations.
- 1.4 There shall be an exchange of students for academic, research and training purposes. Accommodation in the Hostel shall be arranged, wherever possible, as per extant rates. The duration of exchange visits will be determined by mutual consent between both the parties.

#### Article 2. Management

- 2.1 Director of the First party and the Vice-Chancellor/Registrar of the Institution of the Second party will be responsible to work out operational details of co-operation between the two organizations and ensure proper and effective implementation of this MoU.
- 2.2 The Advisory Committee will meet at least once in a year alternatively in the institutions of the First party and the Second party to review the activities. This meeting shall include presentation on the academic and research activities, which should be open to the students, faculty and scientists.

  
(Signature of First Party)

Director  
ICAR Research Complex for Eastern Region  
ICAR P.O., PO-01, Patna College  
Patna-800 004 (India)

  
(Signature of Second Party)

Registrar  
Jharkhand Rai University  
Ranchi

Article 3. Exchange of Information

- 3.1 The term "information" includes scientific or technical data, results and/or methods of investigation, and other information intended to be provided, exchanged, or arising under project descriptions entered into pursuant to this MoU.
- 3.2 The parties support the widest possible dissemination of information. Each party in joint projects shall be given the right to use, disclose, publish or disseminate such information for any and all purposes.

Article 4. General Provisions

- 4.1 It is understood that the First party and the Second party subscribe to the principle of equal opportunity and do not discriminate on the basis of race, sex, age, caste or religion. Both the Institutions shall abide by these principles in the administration of this agreement and neither party shall impose criteria for exchange of scholars or students, which violate principles of non-discrimination.
- 4.2 Both parties understand that all financial agreements will have to be negotiated separately and will depend on the availability of funds.
- 4.3 Both parties acknowledge that exchange of students from one party to the other shall be subject to the availability of funds and shall comply with the regulations and policies of the First party and the Second party.
- 4.4 Any research publications arising will be jointly published in accordance with the provisions laid out in Item 3.2.1C of the Guidelines for the students to conduct research for their degree programme as trainees at ICAR institutions as notified vide Letter No. 2-8/2012-HRD dated 11<sup>th</sup> December, 2012 and 25<sup>th</sup> April, 2014 or revised guidelines, if any, as may be issued from time to time.
- 4.5 A copy of the thesis/dissertation will be submitted to the First Party after the award of the degree by the Second party.
- 4.6 All questions related to this MoU arising during its term will be settled by the parties by mutual agreement. Disagreements at the operating level shall be forwarded to respective higher officials for appropriate resolution failing which an arbitrator of mutual acceptance may be identified for the settlement of dispute, if any.
- 4.7 All questions not foreseen related to this MoU will be handled by the parties by mutual agreement.
- 4.8 Nothing in this MoU is intended to affect other cooperation or collaborations between the parties.



(Signature of First Party)

ICAR Research Complex for Eastern Region  
ICAR Patna, P.O.-Bihar Veterinary College  
Patna - 500014 (Bihar)



(Signature of Second Party)


Registrar  
Jharkhand State University  
Raebareilly


## Article 5. Intellectual Property Rights

- 5.1 The Second party will be expected to ensure protection of the Intellectual Property Rights generated or likely to be generated during the student's research work. The ICAR as the first applicant (for its institute) and the Second party shall be the joint applicants for IPRs and the students and involved scientific staff shall be included as the inventor/breeder/author. The 'ICAR Guidelines for Intellectual Property Management and Technology Transfer/Commercialization' as amended from time to time shall be the reference for exploitation of the generated intellectual property, whose management and benefits sharing shall be mutually decided in each case.

## Article 6. Admission and Fee

- 6.1 All those who wish to register as trainees or for Master/Doctoral programme under this MoU must apply for admission at the Second party. The allocation of Major Guide/Advisor would be finalized before the registration and will be governed by the provisions laid out in Items 3.2.1A and 3.2.2A of the Guidelines for the students to conduct research for their degree programmes as trainees at ICAR institutions as notified vide Letter No. 2-8/2012-HRD dated 11<sup>th</sup> December, 2012 and 25<sup>th</sup> April, 2014 or revised Guidelines, if any, as may be issued from time to time, for the students from within NARS and outside NARS, respectively.
- 6.2 Admission of the students and the award of degrees for different programmes will be the responsibility of the Second party as per the rules and regulations.
- 6.3 Allotment of the students at the First party will be done by the approval of Director of the First party and Vice-Chancellor/Head of the Institution of the Second party.
- 6.4 The First party would have the right to screen the student's eligibility for admission based on their academic period.
- 6.5 The PME Cell of the First party in consultation with the representative of the Second party shall decide the location and sharing quantum of research work.
- 6.6 The number of student(s) at any particular time will be subjected to the availability of research facilities and scientists' time to guide thesis research at the First party institution.
- 6.7 Any student(s) admitted to the First party for training/postgraduate research, if found violating the rules and regulations laid down by the First party or indulge in such activities that amount to tarnishing the image of the Institute, or cause damage to the property, the registration of such student(s) would be summarily terminated. The Second party will not complete the formalities of issuing the certificates to such students until they compensate the losses to the First party.

  
(Signature of First Party)

  
(Signature of Registrar, Jharkhand Raj Chikitsa)


ICAR Regional Complex for Eastern Region


Registrar  
Jharkhand Raj Chikitsa  
Raipur

- 6.8 Fees will be charged from the students by the First party as per Guidelines for the students to conduct research for their degree programmes as trainees at ICAR institutions vide Letter No. 2-8/2012-HRD dated 11<sup>th</sup> December, 2012 and 25<sup>th</sup> April, 2014 or revised Guidelines, if any, as may be issued from time to time. No fee may be charged by the First party from the students registered with AU/DU within NARS. However a student registered with a Second party, outside NARS, will deposit fee of Rs. 10,000/- for training duration of 3 months (not leading to a degree/dissertation), Rs. 20,000/- for training/research/dissertation up to a duration of 3 months and Rs. 30,000/- per semester (six months) for training, research, dissertation exceeding three months. Any change in fee structure by ICAR will be applicable from the date of revision and shall be charged by the First party.

#### Article 7. Entry into effect, modification and termination

- 7.1 This MoU shall become effective on the date it is signed by the parties and shall be valid for three years extendable up to five years. Both parties shall review the status of the MoU at the end of each three/five year period to determine any modification, whenever necessary. The period of validity of this MoU may be extended by mutual consent up to five years. This MoU may be amended by mutual written agreement and may be terminated at any time by either party upon written notification signed by the competent authority of the party initiating termination. Such notification must be given to the other party at least six months in advance from the effective date of termination.
- 7.2 All joint activities not completed at the expiration or termination of the MoU may be continued until their completion under the terms of this MoU.
- 7.3 No amendment or modification of the MoU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be amendment of the MoU. The modifications/changes shall become part of the MoU and shall be effective from the date on which they are made/executed, unless otherwise agreed to.

  
(Signature of First Party)

  
(Signature of Second Party)

Jharkhand Veterinary College  
Rauree

ICAR Complex for Eastern Region  
K. ... Veterinary College  
...

This MoU has been executed in two originals, one of which has been retained by the First party and the other by the Second party).

IN WITNESS WHEREOF, the parties have executed this MoU and represent that they approve, accept and agree to terms contained herein.

(Name and Address of the First Party)  
Second Party)

(Name and Address of the  
Second Party)

Name of the Director of the First Party

Dr. ANUP DAS

Name of the Vice-Chancellor/Registrar of the Institution of the Second Party

Tel No. 0612-2223962

Tel No. 754810242

Date 07/08/2023

Date 13/02/23

Signature with Seal

Signature with Seal

(Dr. Piyush Ranjan)

Director

ICAR Research Complex for Eastern Region

ICAR Patna, P.O.-Bihar Veterinary College

Patna - 800014 (Bihar)

Registrar  
Jharkhand Rai University  
Ranchi

Witness 1.....

23/02/2023  
(R.S. Pan)

Witness

1  
(R. P. Sengupta)  
Dean (Agriculture)

Witness 2.....

27/2/23  
(S.S. Mahi)

Witness

2..... Dr. Nicole Shroete  
HoD, (Agriculture)



# MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN



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

&



Jharkhand Rai University  
Raja Ulatu, Namkum, Ranchi,  
Jharkhand

## MEMORANDUM OF UNDERSTANDING

This **Memorandum of Understanding** (hereinafter called as the 'MOU') is entered into on this the 29<sup>th</sup> day of March 2023.

### BETWEEN

#### 1<sup>st</sup> party

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

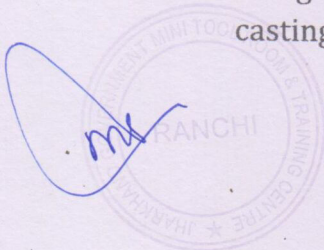
### AND

#### 2<sup>nd</sup> party

**"Jharkhand Rai University, Ranchi, Jharkhand"** represented herein by its Registrar, **Prof (Dr) Piyush Ranjan** (hereinafter referred as "JRU", 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 9001:2008, ISO 50001:2011, and ISO 29990:2010-12 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 course (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 indigenious 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.



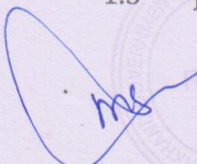
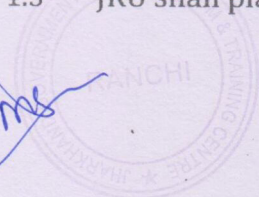
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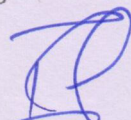
- B) "JRU", Jharkhand Rai University (JRU) has been established under "Jharkhand Rai University Act, 2011" by Jharkhand State Legislature as per section 2(f) of UGC Act 1956. JRU is an ISO certified University, (ISO 9001:2015) and also accredited by NAAC. The university offers courses in different disciplines like Engineering, law, Social Science, Allied Health, Management & Agriculture rolled out in phases. **The serene campus of the University is located at "Raja Ulatu, Namkum, Ranchi".**
- C) 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 JRU believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
- D) JGTR and JRU 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.
- E) Both JGTR and JRU intend to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.
- F) Both JGTR and JRU, 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 JRU 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. All the expenditures involved for the same will be taken care by the second party JRU.
- 1.2 JGTR and JRU co-operation will facilitate effective utilization of the intellectual capabilities of the faculties of JGTR and JRU 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 JRU to suitably customize the course curriculum so that the students fit into the industrial scenario meaningfully.
- 1.3 JRU shall plan the Skill/Technology/Entrepreneurship training for its students in

  
29/3/23

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.

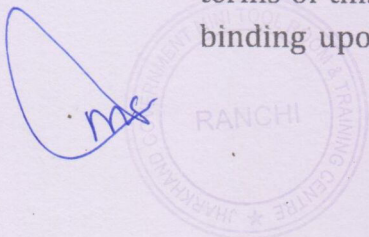
- 1.4 JGTR will permit the Faculty and Students of JRU to visit its laboratories, manufacturing and other facilities. Hence, the Faculty and Students of JRU will get an opportunity to see and learn the application of the latest technologies and global best practices.
- 1.5 JGTR shall extend its support and facilities to the students of JRU to complete/fabricate their final year projects. All the expenditures involved for the same will be taken care 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 students of JRU on the technology trends in order to bridge the skill gap and make them industry ready.
- 1.7 Both JGTR and JRU have agreed to extend their facilities to carry out the joint research/project/consultancy activities in the Design, Manufacturing & any other field of mutual interest. JGTR shall permit the Faculties of JRU 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 JRU shall appoint a nodal officer for mutual correspondence and managing the activities under this Understanding.


For first party JGTR: **Mangal Toppo**

For Second party JRU: **Kumar Amrendra**

## CLAUSE 2: GENERAL AGREEMENT

- 2.1 There is no financial commitment on the part of both the parties JGTR and JRU 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 JRU 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

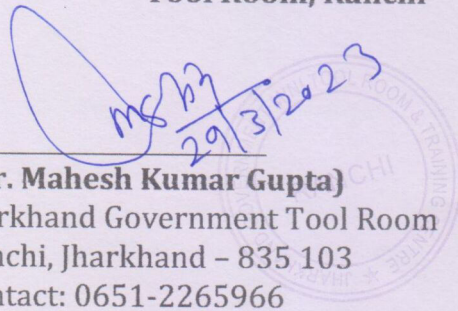


  
29/3/23

- 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 JRU.

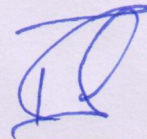
**AGREED:**

**For 1<sup>st</sup> party "Jharkhand Government  
Tool Room, Ranchi"**



**(Mr. Mahesh Kumar Gupta)**  
Jharkhand Government Tool Room  
Ranchi, Jharkhand - 835 103  
Contact: 0651-2265966  
Email: [principal@jgmsmetr.com](mailto:principal@jgmsmetr.com)  
[trg.jgmtrtc@gmail.com](mailto:trg.jgmtrtc@gmail.com)  
[jg-msmetr@gov.in](mailto:jg-msmetr@gov.in)  
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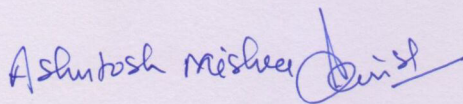
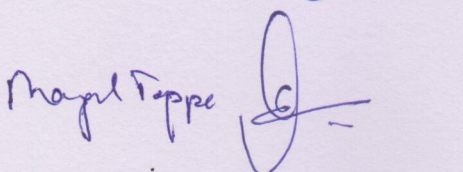
**For 2<sup>nd</sup> party "Jharkhand Rai University,  
Ranchi"**



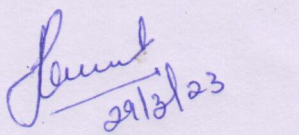
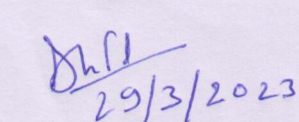
**(Prof (Dr) Piyush Ranjan)**  
Jharkhand Rai University  
Ranchi, Jharkhand - 834  
Contact: 834010  
Email: [registrar@jru.edu.in](mailto:registrar@jru.edu.in)  
[piyush.ranjan@jru.edu.in](mailto:piyush.ranjan@jru.edu.in)  
Web: [www.jru.edu.in](http://www.jru.edu.in)

**Witness where both the parties have set their hands here to on 29 day of March, 2023.**

**For 1<sup>st</sup> party "Jharkhand Government Tool  
Room, Ranchi"**

1. 
2. 

**For 2<sup>nd</sup> party "Jharkhand Rai University  
Ranchi"**

1. 
2. 

# MEMORANDUM OF UNDERSTANDING (MoU)

For Academic Exchange and Co-operation

Between

**Research Culture Society,**

India, Canada, USA, EU.



[www.researchculturesociety.org](http://www.researchculturesociety.org)

8



**JHARKHAND**  
**Rai University**

UGC RECOGNISED UNIVERSITY

**ACCREDITED BY NAAC**

**Address:** Raja Ulatu, Namkum, Ranchi, India

Postal Pin Code / Zip: 834010

Web: [jru.edu.in](http://jru.edu.in)

Email ID: [info@jru.edu.in](mailto:info@jru.edu.in)

**Date :** 25/05/2022

**Place :** Ranchi

**Contact Person Email ID:** Prof (Dr) Piyush Ranjan

**Contact Person Mobile Number:** +91-7979899509

**Email ID:** [piyush.ranjan@jru.edu.in](mailto:piyush.ranjan@jru.edu.in), [Registrar@Jru.edu.in](mailto:Registrar@Jru.edu.in)

# MEMORANDUM OF UNDERSTANDING (MoU)

For Academic Exchange and Co-operation

Between

Research Culture Society

&

Jharkhand Rai University

India, 834010.

'Research Culture Society' and Jharkhand Rai University, Ranchi, India desire to develop academic exchange and cooperation in education and research between the organizations and have agreed to sign and enter into MoU as follows:-

## 1. Objectives:-

- a. To provide a common forum for exchange of ideas and views regarding designing and/or execution programs/workshops/seminars between Jharkhand Rai University & 'Research Culture Society'.
- b. To use and share Libraries, database, documentation and instrumental related-infrastructure facilities of each other.
- c. To exchange information and arrange joint conference/seminars/workshops/FDP etc. educational programs for students and teachers with interested outer participants.

## 2. Activities and Programs:-

The organizations based upon the principle of respect for each other's independence and of mutual benefit, will carry out the following activities

- i. Exchange of publications and information.
- ii. Exchange of faculty as : Trainer, Visiting Lecturer, Guest of honor, Keynote Speaker.
- iii. Designing and execution of conferences, seminars, workshops, Symposiums/FDP etc.
- iv. Exchange of research and development activities as per available free sources.

## 3. Formulation of Plan and Participation:-

In order to carry out the above activities, detailed plans shall be formulated after consultation between the two organizations from time to time depending on the nature and need of specific activity, availability of funds and convenience of both the organizations. However, the basic principle shall be mutual cooperation and academic benefit of students and individuals of both the organizations. In Conference, Seminar, Workshop etc. events University side staff members need to make efforts to add minimum 10 paid registration - participants (maximum



Registrar  
Jharkhand Rai University  
Ranchi

– no limit) from anywhere, inside - outside / National – International open sources participants. Sometimes free to register and participant events also will be there. However, to bear the expenses of any event, we can apply registration – participation – presentation – publication charges from the participants.

#### **4. Financial Terms and Mode of Payment, if any**

The requirement of funds for programs shall be worked and through mutual consent between the 'Research Culture Society' and **Jharkhand Rai University, Ranchi, India**. The 'Research Culture Society's' members can be appointed as a speaker, guest of honor or as an expert trainer/lecturer for conference, seminar, symposium and workshop. For such appointed member's collaborator university/ institute/ organization need to provide full fledged residential, food and prior traveling (to & fro) accommodations. In publication of conference, seminar, workshop, symposium collaborator - university / institute/ organization need to sign agreement and pay the deposit and prior publication amount (before publication) as per norms of society's publication committee. From society side as a co-sponsor there will be 30% to 40% concession in publication of online special / proceedings issue. 'Research Culture Society's' runs 5 international level referred, peer-reviewed journals with ISSN (Online) and a book publication with ISBN (Online / Print).

#### **5. Dissemination of Data and Information:-**

'Research Culture Society' and **Jharkhand Rai University, Ranchi, India** shall work out the modalities for dissemination of research data of joint projects to any third party keeping in mind the mutual interest. However, both parties shall fulfill their obligation of disseminating the data to national databanks, as required by the- concerned funding agencies.

#### **6. Co-ordination Committee:-**

A Joint Co-ordination Committee for smooth and effective execution of activities and programs under this MoU may be formed by mutual consent. From the College/ Institute/ University side members name will be added in the committee and Specific Editor board/Reviewer board committee of Conference / Seminar publications etc.

#### **7. Period and Revision of MoU:-**

This Memorandum of understanding comes in to effect from the date of its signing and will remain in force initially for **Five (05) Years**. Its validity may be extended by mutual agreement between the two institutes/ organization.

#### **8. Advertisement - Promotion of Activities:-**

On the society website flyers, brochure will be uploaded and also will be shared to social media groups and contacts. Both party individuals can handle responsibilities.



## 9. Intellectual Property Rights:

For any work produced during the course of collaborative activity, a separate contract governing such activity, shall determine the ownership and revenue sharing of Intellectual Property arising out of such collaborative Research.

## 10. Non-Exclusive Nature of this MoU:-

The MoU between the 'Research Culture Society' **Jharkhand Rai University, Ranchi, India** shall not come in the way of either partner from collaboration with the third party.

## 11. Acknowledgement and No claim policy:-

As this MoU is purely considered as not-for-profit based academic exchange and cooperation. Both parties agree to increase knowledge sharing, research, development and innovations activities for each other's individuals, and also agree for not to claim on each other in any dispute or loss or damage matter.

In witness thereof, both the institution their authorized representatives i.e. Registrar/V.C. /Principal/ Dean/ HoD/President/Director of this date.

Date : 25/05/2022

Place : Ranchi

Sign and Stamp :

Contact Number (M) : +91-7979899509

**Registrar**  
**Prof(Dr) Piyush Ranjan**  
Jharkhand Rai University, Ranchi  
India  
**Registrar**  
**Jharkhand Rai University**  
**Ranchi**

**( Dr. C. M. Patel )**  
**President / Director**  
Research Culture Society  
[www.researchculturesociety.org](http://www.researchculturesociety.org)



Note: if any suggestions, feel free to send by email to us at: [director@researchculturesociety.org](mailto:director@researchculturesociety.org)

M  
E  
M  
O



Asian  
Institute  
of  
FAMILY  
MANAGED  
BUSINESS

A-57, Giriraj Industrial Estate, Mahakali Caves Road, Andheri (East), Mumbai 400 093. Tel : 91 22 40661234

**RANDUM OF UNDERSTANDING (MOU)**  
Between

Asian Institute of Family Managed Business A-57, Giriraj Industrial  
Estate, 1<sup>st</sup> Floor, Mahakali Caves Road, Andheri East Mumbai 400 093  
(Maharashtra)

And

Jharkhand Rai University

Kamre, Ratu Road, Ranchi

Jharkhand-835222

21.07.2022

This Memorandum of Understanding (MOU) is made this date, by and between Asian Institute of Family Managed Business (AIFMB), and Jharkhand Rai University, Ranchi.

AIFMB is a not for profit company promoted with the mission to get youngsters excited to join family business and to build on the institution of family business.

The University is offering various educational programs to the students and also facilitating extra-curricular learning opportunities.

Both parties wish to enter into this understanding to provide academic educational opportunities to students from family business.

Both the parties are deeply concerned with the need to address growing challenges in inducting next generation members into family business and the role family businesses play in the economic growth of the nations as well as the need to promote entrepreneurship amongst the students.

While AIFMB will provide all support as per it's possibilities, the University may as per its own possibilities and without any obligation start initiatives to promote learning about and from Family Managed business including but not limited to:

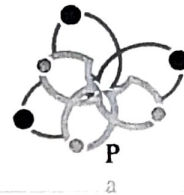
- a. Facilitating start of a FMB cell in the university,
- b. Offering the online program of AIFMB to its students as per modalities listed below.
- c. AIFMB has developed an online course "Management Basics, Learning from Family Business" covering topics that are important in the process of induction of the next generation members of family businesses.

The University may offer this program optionally to its students from family businesses or those who are interested in business even if not having family business and AIFMB will be responsible for offering the online program and all required support for the same.

AIFMB retains full authority over and reserve the right to make changes in the program.

23/7

S Roy  
21/7/2022



Each party may publicize this MOU and programs mentioned herein in academic materials as appropriate and may brief faculty and students as appropriate. Neither party shall use the name or logo of the other party without the prior written approval of the other party.

On successful completion of the program the students from the University so enrolled will be awarded joint certificate from AIFMB and the University.

AIFMB shall not charge any fees for the program for students recommended by the College. However, in case the College decides to charge any fees from the students, the same shall be shared by the College and AIFMB in the ratio of 50% each. In such case AIFMB will offer its share to the FMB-cell of the college for its activities on approved accounts.

AIFMB may arrange resource persons for promotion of activities of the FMB-cell. In that case modalities will be worked out by mutual discussion to cover the travel and other costs of any faculty required to travel for conducting physical sessions.

This MOU will be effective from the date of signing and will have a duration of **three year**. Upon expiration of **three year**, the MOU will be subject to renewal. Additions and changes to this MOU may be made at any time with the written agreement of both AIFMB and the University. Either party may withdraw from this understanding upon 60 days written notice without cause or penalty with mutual consent.

**APPROVED:**

**For Asian Institute of Family**

**Jharkhand Rai University, Ranchi**

**Managed Business**

Name : Sujata Roy  
Titl : Program Director

Name : Dr. Piyush Ranjan

Designation : Registrar

Signature S Roy

Signature [Signature] Registrar  
Jharkhand Rai University  
Ranchi

Date 21/07/2022

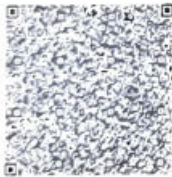
Date 23/7/22



सत्यमेव जयते

INDIA NON JUDICIAL  
Government of Jharkhand  
e-Stamp

Certificate No.	: IN-JH27517652541693S
Certificate Issued Date	: 06-Mar-2020 04:23 PM
Account Reference	: NONACC (SV) / jh9000104/ RANCHI/ JH-RNC
Unique Doc. Reference	: SUBIN-JHJH900010440499359962656S
Purchased by	: JHARKHAND RAI UNIVERSITY
Description of Document	: Article 5 Agreement or memorandum of an Agreement
Property Description	: AGREEMENT
Consideration Price (Rs.)	: 0 (Zero)
First Party	: JHARKHAND RAI UNIVERSITY
Second Party	: NA
Stamp Duty Paid By	: JHARKHAND RAI UNIVERSITY
Stamp Duty Amount(Rs.)	: 100 (One Hundred only)



-----Please write or type below this line-----

**MEMORANDUM OF UNDERSTANDING**

This Memorandum of Understanding is signed between Logistics Sector Skill Council (LSC) - established by the Ministry of Skill Development and Entrepreneurship (MSDE) through National Skill Development Corporation of India (NSDC) - having its registered office at 'Temple Towers', 476, Anna Salai, Nandanam, Chennai – 600035 represented by its Chief Executive Officer Capt. T.S. Ramanujam as the First Party

and

Jharkhand Rai University, Raja Ulatu, Namkum, Ranchi – 834010, Jharkhand represented by its Registrar Dr. Piyush Ranjan (which expression shall unless repugnant or inconsistent with the context or meaning thereof,

FIRST PARTY

1

SIR 0007592592

SECOND PARTY

Stamp Alert:

1. The authenticity of this Stamp Certificate should be verified at [www.nicestamp.com](http://www.nicestamp.com). Any discrepancy in the details on this Certificate and its availability on this website renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.



## Memorandum of Understanding



between

### **Codezeal Technology Pvt. Ltd.**

2nd Floor, Mimec IT Park, Namkum Industrial Area, Lowadih, Ranchi,  
Jharkhand - 834010

Represented by: Mr. Dhanesh Mahto  
CEO  
Brightcode Software Services Pvt. Ltd.

and

### **JHARKHAND RAI UNIVERSITY, RANCHI**

Kamre, Ratu Road, Ranchi  
Jharkhand - 835222

Represented by: Dr. Piyush Ranjan  
Registrar  
Jharkhand Rai University, Ranchi

Towards

**SIP, Live Project, Industrial Visit, Faculty Exchange  
Program and Placement of Students of Jharkhand Rai  
University, Ranchi**



This Memorandum of Understanding (MOU) sets for the terms and understanding between the **Codezeal Technology Pvt. Ltd & Jharkhand Rai University, Ranchi** to Training and Placement of **BCA, MCA and B.Tech CSE**.

### BACKGROUND AND PURPOSE

"**CODEZEAL TECHNOLOGY PVT. LTD.** "(From the House of **Brightcode Software Pvt. Ltd.**) - "We Make an IT Professional" Aim to train the student as per market demand. We have proper IT training team which trained the student for the corporate or IT industry.

**Jharkhand Rai University, Ranchi** - Though this student is trained as the market demand and it help in placement in our company as well as Multinational Corporation.

### MISSION AND VISION

This MOU will help in training and placement of student.

At **Codezeal Technologies**, our goal is to train and prepare students for corporate faster, cheaper, and easier than any other training alternative even if those employees have no prior experience. We help graduates to get their dream job.

**Codezeal Technology's** vision is to bridge the industry skills gap between graduates and employees through corporate training. We understand that new graduates face intense competition for good jobs due to a lack of hands-on experience working on real-world projects and solving real-world problems. As a result, we assist students in obtaining their dream careers by developing highly skilled professionals capable of meeting the difficulties of all emerging technologies in the workplace



*Handwritten signature and date: 30/6/22*

The above goals will be accomplished by undertaking the following activities:

**PROJECT/ INTERNSHIP & PLACEMENT of BCA, MCA and B.Tech CSE**

Technology / Language - Web Development, PHP & MySQL, Android Development, Python, .net, Java.

Duration - 1 month, 2 months, 3 months

1 month – 2<sup>nd</sup> year student (one live project)

2 months - 3<sup>rd</sup> year student (one live project and software development)

3 months - OJT (2 live project, web project and Software development)

**REPORTING**

Record will evaluate effectiveness and adherence to the agreement and when evaluation will happen.

**DURATION**

This MOU will be effective from the date of signing and will have a duration of three year. Upon expiration of three year, the MOU will be subject to renewal. Additions and changes to this MOU may be made at any time with the written agreement of both Codezeal Technology Pvt. Ltd. And Jharkhand Rai University. Either party may withdraw from this understanding upon 90 days written notice without cause or penalty with mutual consent.



**CONTACT INFORMATION**

Codezeal Technology Pvt. Ltd

DHANESH MAHTO

C.E.O

Address: 2nd Floor, Mimec Tech Park,  
Industrial Area, Lowadih, Ranchi

Jharkhand - 834010

JHARKHAND RAI UNIVERSITY

Dr. Piyush Ranjan

Registrar

Address – Kamre, Ratu Road, Ranchi Namkum  
Jharkhand- 835222

**Date:**

**Dhanesh Mahto**

**CEO**

**Codezeal Technology**

**Pvt. Ltd.**



**Dr. Piyush Ranjan**

**Registrar**



**Jharkhand Rai University**

**Witness:**

1. Abhijeet Kumar

**Witness:**

1. Amrindra Sharma

RefNo: -JRU/REG/2022-23/05

Monday, 1<sup>st</sup>August 2022

## MEMORANDUM OF UNDERSTANDING

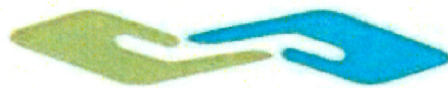
BETWEEN



**JHARKHAND  
Rai University**  
RANCHI

**JHARKHAND RAI UNIVERSITY**  
RANCHI, JHARKHAND

AND



**PARAS**  
**HEC HOSPITAL**

A PPP initiative of the  
Heavy Engineering Corporation Limited, Jharkhand

**PARAS HEC HOSPITAL**  
SECTOR-3, DHURWA, RANCHI-834004, JHARKHAND

**2022- 23**

**Purpose:** To provide Outdoor, Indoor and Preventive Medical facilities to the Employees and Students of Jharkhand Rai University by the Paras HEC Hospital Ranchi.

# MEMORANDUM OF UNDERSTANDING SIGNATORIES

## ORGANIZATION

## ORGANIZATION



**JHARKHAND  
Rai University**  
RANCHI

Jharkhand Rai University  
Kamre, Ratu Road Ranchi – 835222



**PARAS  
HEC HOSPITAL**

A PPP initiative of the  
Heavy Engineering Corporation Limited, Jharkhand

Paras HEC Hospital, Ranchi  
Sector-3, Dhurwa, Ranchi, Jharkhand-834004

Signed By

**Dr. Piyush Ranjan**  
**Registrar**  
Jharkhand Rai University  
Ranchi, Jharkhand

Date:

Registrar  
Jharkhand Rai University  
Ranchi

Official Stamp

Signed By

**Dr Nitesh Kumar**  
**Facility Director**  
Paras HEC Hospital, Sector-3, Dhurwa  
Ranchi, Jharkhand

Date: 1.8.2022



Official Stamp

S# 0501111

अधिवक्ता कल्याण कोष

ADVOCATES WELFARE FUND STAMP

₹ 15

पंद्रह रूपए

FIFTEEN RUPEES

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Issued On: 2022-10-20

04:48:56



## Government of Jharkhand

### Receipt of Online Payment of Stamp Duty

NON JUDICIAL

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Receipt Date : 08-Nov-2022 01:11:22 pm

Receipt Amount : 100/-

Amount In Words : One Hundred Rupees Only

Document Type : Agreement or Memorandum of an Agreement

District Name : Dhanbad

Stamp Duty Paid By : ACIC IIT ISM FOUNDATION

Purpose of stamp duty paid : AGREEMENT

First Party Name : ACIC IIT ISM FOUNDATION

Second Party Name : JHARKHAND RAI UNIVERSITY

GRN Number : 2214203960

SI NO. OF DATE  
10 NOV 2022

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This Receipt is to be used as proof of payment of stamp duty only for one document. The use of the same receipt as proof of payment of stamp duty in another document through reprint, photo copy or other means is penal offence under section-62 of Indian Stamp Act, 1899

इस प्रमाणपत्र का उपयोग केवल एक ही दस्तावेज पर मुद्रांक शुल्क का भुगतान के प्रमाण हेतु ही किया जा सकता है। पुनः प्रिन्ट कर, फोटो कॉपी आदि द्वारा इसी रसीद का दूसरे दस्तावेज पर मुद्रांक शुल्क का भुगतान के प्रमाण हेतु उपयोग भारतीय मुद्रांक अधिनियम, 1899 की धारा 62 अन्तर्गत दण्डनीय अपराध है।

ACIC-IIT (ISM) FOUNDATION

Director  
9/11/2022

Registrar  
Jharkhand Rai University  
Ranchi

MEMORANDUM OF COLLABORATION

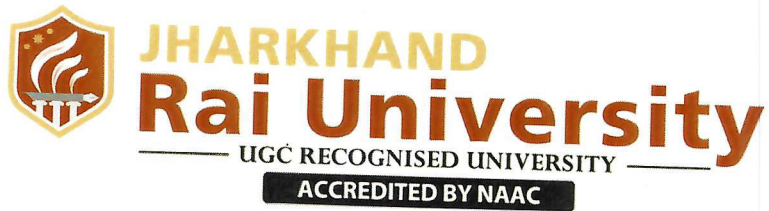
BETWEEN



ACIC IIT (ISM) FOUNDATION

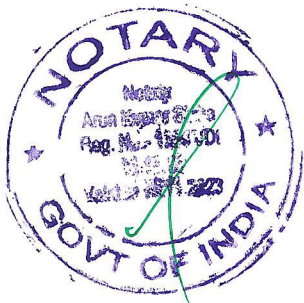
DHANBAD

AND



JHARKHAND RAI UNIVERSITY, RANCHI

NOVEMBER 2022



  
Registrar  
Jharkhand Rai University  
Ranchi

ACIC-IIT (ISM) FOUNDATION  
  
9/11/2022  
Director

**Registrar, Dr. Piyush Ranjan** (herein after referred as '**First Party**', the University which expression, unless excluded by or repugnant to the subject or context shall include its successors—in-office, administrators and assigns).

**AND**

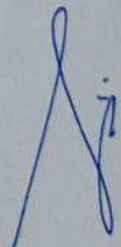
**Ampersand Bionaturals Private Limited** Address:- **B-II/66, M.C.I.E, Delhi Mathura Road, Badarpur, New Delhi - 110044**, the **Second Party**, and represented herein by its **Authorized Person-Deputy Manager, Mr. Prashant Kumar Mishra**, (hereinafter referred to as "**Second Party**", company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as '**Parties**' and individually as '**Party**')as

**WHEREAS:**

- A) First Party is a Higher Educational Institute named Jharkhand Rai University, having 18.8 acres of campus in Ranchi.
- B) First Party & Second Party believe that mutual 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) The Parties intent to cooperate and focus their efforts on cooperation within area of Training, Research and Placement.
- D) Both Parties, being legal entities in themselves desire to sign this Agreement for advancing their mutual interests.
- E) **Ampersand Bionaturals Private Limited** Address:- B-II/66, M.C.I.E, Delhi Mathura Road, Badarpur, New Delhi - 110044, the Second Party is engaged in Business, Manufacturing in the fields of *Teas, Herbs, Dried Herbs, Processed Agro Products like essential oils, extracts, Powders etc. and all Agro Products* under the industry concerned and related fields, looking for a space in Ranchi to carry out its objectives and has approached First party for permission to use to 350 sq.m in its campus in Ranchi.

**NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS AGREEMENT, THE PARTIES HERE TO AGREE AS FOLLOWS:**





**JHARKHAND**  
**Rai University**  
RANCHI



**Memorandum of Understanding (MoU)**

Between Jharkhand Rai University, Ranchi (First Party) and  
Yogoda Satsanga Mahavidyalaya (Second Party)  
On 01/05/2022

Jharkhand Rai University, Ranchi & Yogoda Satsanga Mahavidyalaya, Ranchi desire to Collaborate to promote academic exchange and cooperation in education and research between the institutions and have agreed to sign and enter into MoU. This MoU is purely considered as not-for-profit based academic exchange and cooperation. Both parties agree to increase knowledge sharing, research, development and innovations activities for each other's individuals.

**1. Objectives:**

The following terms are mutually applicable to both (First Party and Second Party):

- i. Both the parties will assist each other in organizing the summit, seminar, symposium, Faculty Development Programs, workshop and other academic deliberations for students/ Faculties/other Staff members of the institutions.
- ii. Collaboration in Teaching, Research & Development, Project and consultancy in the field of mutual interest.
- iii. To use and share Libraries and instrumental related-infrastructure facilities of each other.
- iv. Propose and engage jointly in research or training programs sponsored by funding agencies, and to invite faculty to participate therein,
- v. To provide support to implement Enterprise Resource Planning (ERP) system and learning management system
- vi. Exchange of Academic materials and publication.
- vii. Exchange of faculty as: Trainer, Visiting Lecturer, Guest of honor, Keynote Speaker and other Academic purposes.
- viii. Conducting various training programs for students and faculty members in the area of mutual interest.
- ix. Pool Campus opportunity for Internship/Training/Placement.
- x. Both the parties will support each other in the development of E-Content & Curriculum
- xi. To support Industry Interaction in the areas mutually agreed upon.

Registrar  
Jharkhand Rai University  
Ranchi

Principal  
Yogoda Satsanga Mahavidyalaya  
Jagannathpur, Ranchi-834004

## 2. Formulation of Plan and Participation:-

In order to carry out the above activities, detailed plans shall be formulated after consultation between the two institutions from time to time depending on the nature and need of specific activity, availability of funds and convenience of both the organizations. However, the basic principle shall be mutual cooperation and academic benefit of students and individuals of both the organizations.

## 3. Financial Terms and Mode of Payment, if any

The requirement of funds for programs shall be worked and through mutual consent between the **Jharkhand Rai University, Ranchi & Yogoda Satsanga Mahavidyalaya, Ranchi**

## 4. Period and Revision of MoU:-

This Memorandum of understanding comes in to effect from the date of its signing and will remain in force initially for **Three (03) Years**. Its validity may be extended by mutual agreement between the two institutes.

## 5. Non-Exclusive Nature of this MoU:-

The MoU between the **Jharkhand Rai University, Ranchi & Yogoda Satsanga Mahavidyalaya, Ranchi** shall not come in the way of either partner from collaboration with the third party.

In witness thereof, both the institution their authorized representatives i.e. Registrar and Principal

**Registrar**  
**Prof. (Dr) Piyush Ranjan**  
Jharkhand Rai University, Ranchi

**Registrar**  
**Jharkhand Rai University**  
**Ranchi**



**Principal**  
**Dr. Shyam Pandey**  
Yogoda Satsanga Mahavidyalaya, Ranchi

**Principal**  
**Yogoda Satsanga Mahavidyalaya**  
**Jagannathpur, Ranchi-834004**





# Virtual Labs

An initiative of Ministry of Education  
under the National Mission on Education through ICT



An MoE Govt of India Initiative

Wireless Research Lab, Bharti School of Telecom  
Indian Institute of Technology Delhi, Hauz Khas, New Delhi-11 0016. Tel: 011-26582050

[www.vlab.co.in](http://www.vlab.co.in)

Ref. No.: **VLABS/IITD/NCS**

Date: **27-07-2022**

To,  
The Registrar,  
Jharkhand Rai University,  
Ranchi, Jharkhand

**Sub: Virtual Labs Nodal Center**

With reference to your Expression of Interest for Virtual Labs, it gives me immense pleasure to designate your Institute as a Nodal Center for Virtual Labs. As nominated by you, **Mr. Om Prakash Satyam** has been accepted to act as the Nodal Coordinator from your Institute. This approval is valid up to **31<sup>st</sup> December 2022**. Subject to the following Terms and Conditions and any subsequent directives as issued by MoE from time to time:

1. Approved status of AICTE/STEB/UGC is mandatory for your college.
2. The necessary infrastructure (dedicated space having personal computers with 1Mbps broadband internet connectivity) to be maintained at your own cost for Virtual Labs.
3. Nodal centers will get operational technical support.
4. Students are not to be charged any extra fee for providing Virtual Labs facility for their usage.
5. Nodal Coordinator should attend the meeting held at IIT Delhi as per schedule and a semester wise report of V Labs usage and feedbacks by the faculty members and students should be submitted.
6. Strict adherence to the standard lab procedures and cyber security laws needs to be followed.
7. Any violation or the above will result in automatic cancellation of Nodal Center status for your college without giving any notice.

**Kindly acknowledge the receipt of this letter and the acceptance of the Terms & Conditions mentioned above.**  
We thank you again for your interest in the Virtual Labs project and appreciate your endeavor in the service of the student community.

Wish you all the best!

Thank You,

Sincerely,

**Prof. Suresh Bhalla**  
Project Virtual Labs  
IIT Delhi  
[sbhalla@civil.iitd.ac.in](mailto:sbhalla@civil.iitd.ac.in)

## Expression of Interest for setting up Virtual Labs' Nodal Centre (NC)

Name of the Institute: Jharkhand Rai University, Ranchi Acronym of Institute: JRU

Address: Kamra, Ratu Road, Ranchi

Pin Code: 835222

Latitude: 23.4053893936

Longitude: 85.2510703326

Affiliated to:

Approved By (AICTE/UGC/University): UGC

Approval Number: U-0762

AISHE Code: U-0762

Branch of Engineering / Science:

- a) CSE / IT
- b) Mechanical Engg.
- c) ECE / EE
- d) Civil Engg.
- e) Applied Sciences
- f) Any Other (Mining Engineering)

Student

128

50

50

50

100

142

Faculty Members

Prof. Kumar Amrendra

Dr. Sagnika Pradhan  
Prof. Sumeet Kishore

Total:

Name of the Head of Institute / Principal: Dr. Piyush Ranjan

Email: registrar@jru.edu.in

Mobile: 7979899509

Proposed Nodal Centre Coordinator (NCC): Om Prakash Satyam

Email: Omprakash.Satyam@jru.edu.in

Mobile: 9716735427

Department: Mining Engineering

It is certified that

- a) The institute is recognized by the AICTE/UGC.
- b) The institute has necessary and adequate infrastructure to host the Virtual Labs.
- c) Strict adherence to standard lab procedures and cyber security laws will be followed.
- d) Virtual Labs may withdraw/stop connectivity without giving any prior notice or reasons.
- e) This EOI for Virtual Labs usage is valid up to 31<sup>st</sup> December 2022 and requires renewal by the coordinating institute for continued support.



Signature & Stamp

Head of Institute / Principal

Registrar

Jharkhand Rai University  
Ranchi

Date: 20.01.2023

Dated: 21<sup>st</sup> September, 2022

**Memorandum of Understanding (MOU)**

**Between**

The Electronics Sector Skills Council of India (ESSCI)

**And**

Jharkhand Rai University, Ranchi

**SUBJECT: Collaboration to promote Education, Skill & Research.**

The following terms are mutually applicable to both (First Party and Second Party):

1. Both the parties will assist each other in organizing the Summit, Seminar, Symposium workshop and other academic deliberations.
2. Collaboration in Teaching, Research & Development and Consultancy in the field of mutual interest.
3. Exchange of Academic materials and publications.
4. Conducting various training programmes for students and faculty members in the area of mutual interest.
5. Both the parties will support each other in curriculum development, industry interaction and other support from time to time through its network.

**For First Party:**



**Authorised Signatory-**

Name: Dr Abhilasha Gaur  
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Mobile: +91 8800211049  
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**For Second Party:**



**Authorised Signatory-**

Name: Dr. Piyush Ranjan  
Designation: Registrar  
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**Electronics Sector Skills Council of India**



**JHARKHAND**  
**Rai University**

UGC RECOGNISED UNIVERSITY

ACCREDITED BY NAAC

Kamre, Ratu Road, Ranchi – 835222

Contact: 9693296660

Email: info@jru.edu.in | Web: www.jru.edu.in

Campus: Raja Ulatu, Namkum, Ranchi - 834010

Date: 21 September, 2022 (Wednesday)

**Memorandum of Understanding (MOU)**  
**Between**

**Jharkhand Rai University, Ranchi**

**And**

*Maharishi Mahesh Yogi Vedic Viswavidyalaya*

**Subject: Collaboration to promote Education, Skill, Research and Innovation**

The following terms are mutually applicable to both (First party and Second party)

1. Both the parties will assist each other in organizing the summit, seminar, symposium workshop and other academic deliberations.
2. Collaboration in Teaching, Research & Development and consultancy in the field of mutual interest.
3. Exchange of Academic materials and publications
4. Conducting various training programs for students and faculty members in the area of mutual interest.
5. Both Party will support each other in curriculum development, industry Interaction and other support from time to time through its network.
6. Both the parties will extend its support & resources for the promotion of innovative ideas, Startup activities & development of entrepreneurial skill set among the students.

**For First Party**

**Authorised Signatory**

Name: *Dr. Piyush Ranjan*

Designation: *Registrar*

Mobile: *7541810242*

Email: *registrar@jru.edu.in*

**For Second Party**

**Authorised Signatory**

Name: *ANAND*

Designation: *A.P.*

Mobile: *7007507809*

Email:



Date: 21 September, 2022 (Wednesday)

**Memorandum of Understanding (MOU)**  
**Between**

**Jharkhand Rai University, Ranchi**

**And**

*Media and Entertainment Skill Council*

**Subject: Collaboration to promote Education, Skill, Research and Innovation**

The following terms are mutually applicable to both (First party and Second party)

1. Both the parties will assist each other in organizing the summit, seminar, symposium workshop and other academic deliberations.
2. Collaboration in Teaching, Research & Development and consultancy in the field of mutual interest.
3. Exchange of Academic materials and publications
4. Conducting various training programs for students and faculty members in the area of mutual interest.
5. Both Party will support each other in curriculum development, industry Interaction and other support from time to time through its network.
6. Both the parties will extend its support & resources for the promotion of innovative ideas, Startup activities & development of entrepreneurial skill set among the students.

**For First Party**

**Authorised Signatory**

Name: *Dr. Piyush Rajan*

Designation: *Registrar*

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**For Second Party**

**Authorised Signatory**

Name: *Nancy*

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# Government of Jharkhand

## Receipt of Online Payment of Stamp Duty

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**Receipt Number :** b6cd943c8da110b67d70

**Receipt Date :** 10-Sep-2021 11:50:22 am

**Receipt Amount :** 50/-

**Amount In Words :** Fifty Rupees Only

**Document Type :** Agreement or Memorandum of an Agreement

**District Name :** Ranchi

**Stamp Duty Paid By :** JHARKHAND RAI UNIVERSITY

**Purpose of stamp duty paid :** MEMORANDUM OF UNDERSTANDING

**First Party Name :** JHARKHAND RAI UNIVERSITY

**Second Party Name :** GURU NANAK HOSPITAL AND RESEARCH CENTRE RANCHI

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इस रसीद का उपयोग केवल एक ही दस्तावेज पर मुद्रांक शुल्क का भुगतान के प्रमाण हेतु ही किया जा सकता है। पुनः प्रिन्ट कर अथवा फोटो कॉपी आदि द्वारा इसी रसीद का दूसरे दस्तावेज पर मुद्रांक शुल्क का भुगतान के प्रमाण हेतु उपयोग भारतीय मुद्रांक अधिनियम, 1899 की धारा 62 अन्तर्गत दण्डनीय अपराध है।

  
Registrar

Jharkhand Rai University  
Ranchi

  
SECRETARY  
GURUNANAK HOSPITAL  
& RESEARCH CENTRE  
RANCHI  
24.9.21



भारतीय प्रौद्योगिकी संस्थान मुंबई  
पवई, मुंबई-400 076, भारत

**Indian Institute of Technology Bombay**  
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वेबसाईट/Website : www.iitb.ac.in

IIT Bombay

## Letter of Association

To,  
The Registrar,  
Jharkhand Rai University, Ranchi  
Jharkhand

Date: 8<sup>th</sup> January, 2021

We are happy to announce the association of **IIT Bombay-Spoken Tutorial Program**, as a Knowledge Partner with **Jharkhand Rai University, Ranchi Jharkhand** for academic year 2021-2022. The Program is a part of the **National Mission on Education through ICT, MoE, GoI**, to spread IT Literacy all over India and to promote the learning and usage of Free & Open Source Software (FOSS), through Audio-Video teaching tool, viz, 'Spoken Tutorial'.

We support and motivate colleges to train students on Basic Computer Skills, Software/IT & employability skills and to conduct Faculty Development Programs (FDPs) under the aegis of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (**PMMMNMTT**), **MHRD, GoI**. The training and the courses are offered for a subscription fee of Rs. 25,000 per year to all the Colleges.

Jharkhand Rai University is making an outstanding contribution of using ICT based teaching and learning methodology in the state of Jharkhand. We appreciate your contribution & look forward to continue our relationship.

Yours Sincerely,

*For and On behalf of*  
**Spoken Tutorials,**  
**Indian Institute of Technology Bombay**

*Shyama Iyer.*



**Mrs. Shyama Iyer**  
**National Coordinator**  
**Spoken Tutorial Project, IIT Bombay**

INFLIBNET Centre

Memorandum of Understanding (MoU) for Shodhganga/Shodhgangotri

(A Repository of Theses and Dissertations submitted to the Universities in India)

This Memorandum of Understanding (MoU) is made and entered into on 7<sup>th</sup> (Day) Oct (Month) 2016 (Year) between the INFLIBNET Centre, an IUC of University Grants Commission located at Gandhinagar, hereinafter referred to as "INFLIBNET" and JHARKHAND RAI UNIVERSITY (University / Deemed University / Inter-University Centre), here in after referred to as the 'University'.

WHEREAS, INFLIBNET Centre, an Inter-university Centre of the University Grants Commission, as its mandate, promotes open access to scholarly content generated in universities. The Centre has computers, network, software infrastructure and technical know-how required for hosting electronic versions of theses and dissertations in open access with interface to search, retrieve and access these content.

WHEREAS JHARKHAND RAI UNIVERSITY (University / Deemed University / Inter University Centre) has agreed to take part in the process of digitisation of old theses and dissertations (not available in computerized machine-readable format) and building-up of digital repository and to promote, share and host its ETD in 'Shodhganga: A reservoir of Indian theses submitted to the Universities in India' and other universities in open access. 'Shodhganga' is a name coined by INFLIBNET Centre for referring to the repository of Indian Electronic Theses and Dissertations. The word "Shodh" originates from Sanskrit and stands for research and discovery. The 'Ganga' is the holiest, longest and largest river in Indian subcontinent which has held heart of its people captive and drawn millions of people to its banks since the dawn of history. The Ganga is the symbol of India's age-long culture and civilization, ever changing, ever flowing, ever loved and revered by its people. "Shodhganga", a repository of theses and dissertations submitted to Indian universities, is expected to keep growing to a formidable size as more and more researchers from India submit their research works to this ever growing reservoir. Under the initiative called "ShodhGangotri", research scholars / research supervisors in universities are requested to deposit electronic version of approved synopsis submitted by research scholars to the universities for registering themselves for the Ph.D programme.

This Memorandum of Understanding (MoU) defines responsibilities, liabilities and commitments of the institutions involved to ensure proper system implementation, to meet the objectives pertaining to submission and access to Electronic Theses and Dissertations as envisaged by the UGC vide its Notification (Minimum Standards & Procedure for Award of M.Phil/Ph.D Degree), Regulation, 2009 dated 1st June, 2009.

NOW, THEREFORE, in consideration of the mutual agreements herein contained, INFLIBNET and the University agree to the following terms and conditions:

1. INFLIBNET Centre

1. Provide access to ETD hosting server(s) at the INFLIBNET Centre 'Shodhganga'/Shodhgangotri' to the University with accompanied software interface enabling University / its student to create metadata and upload their theses and dissertations in ETD repositories designed for this purpose. The INFLIBNET will take the responsibility of keeping the data intact and usable, keep back-up of the data so as to avoid its loss. The INFLIBNET will deploy



tools and techniques of digital preservation to ensure continuing access to scholarly content in digital formats and to protect them from media failure, physical loss and obsolescence.


2. Recommend to the UGC to extend financial assistance to the Universities under Sections 12(B) and 2(f) of UGC Act for digitization of theses and dissertations not available in computerized machine-readable format and / or for procurement and installation of a suitable computer system / infrastructure for creation of ETDs.
3. Provide configuration of system, specifications and technical guidance to the University for procurement of computer hardware and related systems for setting up of ETDs.
4. Provide guidelines, technical standards and specifications for digitization of Ph.D. theses submitted to the university in past and for theses not available in computerized machine-readable format.
5. Impart training to at least one person from the university (from library field and / or from computer field) in creation, updation and computerized operation of digital repositories of ETDs especially on 'Shodhganga'.
6. Extend access to an anti-plagiarism software or provide services to evaluate theses for possible plagiarism and submit a report to the concerned university.
7. The INFLIBNET may refuse to host any material deemed by the INFLIBNET to be controversial in nature or is in violation of copyright act.
8. This right of refusal will not relieve the University / Ph.D. scholar of liability, both to INFLIBNET and to the public, for matter contained in the theses that may be libelous or actionable and to both INFLIBNET and copyright owners for copyright infringement by the Ph.D. Scholar.
9. The INFLIBNET Centre will not be responsible for i) errors, omissions, inaccuracies and quality of content or misinformation or for any damages caused to the user or any third party from the use of content provided in the theses; ii) safety and archiving of loaded content in cases of "force majeure" including natural calamities; and iii) printed version of theses.
10. INFLIBNET Centre will recommend or provide access to plagiarism software which university may use to detect plagiarism before awarding the degree.
11. The INFLIBNET Centre replicates the content of theses and dissertations on different server and other auxiliary storage media. However, the INFLIBNET Centre does not take the responsibility for the archiving or backing-up of loaded content. The universities, therefore, should also keep a back-up of their theses and dissertations.



12. INFLIBNET Centre also maintains a repository called "Shodhgangotri" for hosting the approved synopses of research topic submitted to the universities by the students for registering themselves under the doctoral programme. Research students/their supervisors are encouraged to submit approved synopses/research proposals and register their priority on a research proposal through the repository.

## II. The University

1. The University would grant non-exclusive worldwide license to the INFLIBNET Centre for hosting and distributing their theses in digital format in 'Shodhganga'/'Shodhgangotri' or any other server designated for this purpose.
2. The University / its researcher scholars agree to host / upload a computerized machine-readable file in mutually agreed format of all theses on to the 'Shodhganga'/'Shodhgangotri' server at the INFLIBNET.
3. The University will not hold INFLIBNET Centre responsible for any errors and omissions contained in the original theses.
4. The University commits to digitize theses and dissertations and their bibliographic records submitted to the university and provide necessary infrastructure including manpower support for operation of ETDs.
5. Commits to utilize the assistance provided by the UGC on recommendation of the INFLIBNET for implementation of ETDs including their digitization.
6. Deputes at least one person from the university (from library field or from computer field) for undergoing training on implementation of ETD organized by the INFLIBNET and ensure that the person trained by INFLIBNET on ETD is / are deployed for the same job.
7. Arranges to provide training to research scholars or users of its library and staff of colleges affiliated to University in creation of electronic version of theses and their deposition in the ETDs.
8. Ensures use of standard software and metadata schema suggested / provided by the INFLIBNET for setting-up / development / operation of its ETDs .
9. Creates bibliographic records of all theses and dissertations submitted to the university in standard bibliographic formats prescribed by the INFLIBNET Centre from time-to-time and contributes these records for inclusion in the INFLIBNET's Union Catalogue (IndCat).
10. Commits to sharing of library ETD resources / databases with the INFLIBNET Centre as well as with other universities.

  
Registrar  
Jharkhand Rai University  
Ranchi

11. The University would agree to host their ETDs in the digital repositories 'Shodhganga or other servers' set-up at the INFLIBNET Centre, and grant non-exclusive licence to the Centre to make electronic version of theses in full-text (theses that are born digital as well as those that are digitized using scanners / digital cameras) accessible through open access ETD.
12. The University shall not use electronic version of theses digitized using funds given by the UGC for any commercial purposes. The University shall not rent, sell or license the use of or deliver or release or otherwise part with the possession of the systems / software or the INFLIBNET ETDs databases, Shodhganga or any part thereof to any other party (individual, institution, organization, etc.)
13. The University will also commit their own funds or grants for fulfillment of the project, if the project on implementation of ETDs demands more resources and funds to complete it.
14. The University will use the plagiarism software recommended by the INFLIBNET and made accessible to test the thesis submitted by the student for plagiarism before awarding the Degree. If the university is not subscribing to such software, it will use the software from the nearest Regional Centre, if any.
15. University would encourage and ensure that Research Scholars/ Research Supervisors deposit host their approved Research Proposals/ approved synopses on the "Shodhgangotri" once Ph.D. is registered.

### III. Termination

Both, the Parties, will have rights to terminate the MoU at any time in case of breach of obligations and terms and conditions of the MoU. This MoU signed hereunder may be terminated by either party at anytime upon ninety (90) days prior written notice. Upon termination of this Agreement, the INFLIBNET / University will stop hosting their theses immediately while keeping the theses already deposited by the University in its archives for its users. The University shall stop using the INFLIBNET's ETD facilities and databases and return any software / hardware or digitized content provided by or through the INFLIBNET, back to INFLIBNET within the 3 months notice period.

IN WITNESS WHEREOFF, the parties hereto executed this MoU on this date above mentioned.

UNIVERSITY:



Vice Chancellor / Registrar  
or designated authority.

(Name, Signature and Seal)

CHERMAN JACOB

Registrar  
Jharkhand Rai University  
Ranchi

INFLIBNET:



Dr. Jagdish Arora,  
Director

INFLIBNET Centre,  
An IUC of University Grants Commission,  
Infocity, Gandhinagar - 382 007.

