



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MoU") is made on **August 02, 2024** between **IIHMR University, Jaipur** having its registered office at 1, Prabhu Dayal Marg, Sanganer Airport, Jaipur, 302029, Rajasthan, represented by Dr. P. R. Sodani, President, IIHMR University, Jaipur hereinafter referred to as the "**First Party**", which term unless repugnant to the context there of shall mean and include its legal heirs, successors, nominees and permitted assigns, etc.).

AND

Birla Institute of Scientific Research located at Statue Circle, Jaipur, 302001, Rajasthan, represented by Dr. M.P. Punia, Head, Department of Natural Resource Management, Birla Institute of Scientific Research, Jaipur, India (hereinafter referred to as the "**Second Party**", which term unless repugnant to the context thereof shall mean and include its successors and permitted assigns).

1. Partner Background

About IIHMR University, Jaipur

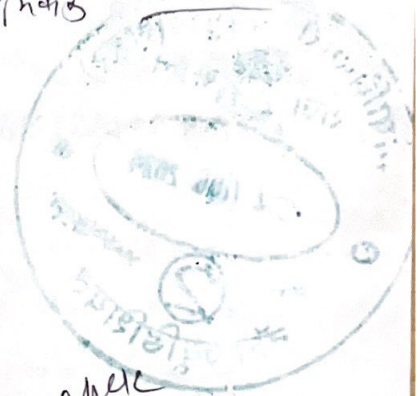
The genesis of the IIHMR University, Jaipur (First Party) dates to October 5, 1984, when the Indian Institute of Health Management Research (IIHMR) was established. The IIHMR University has been established and incorporated as a postgraduate research University by the Government of Rajasthan vide the IIHMR University, Jaipur Act, 2014 (Act No. 3, of 2014). IIHMR University is UGC

क्रमांक 743 दिनांक 5 AUG 2024
 नाम श्री/श्रीमती 11 H.M.R. UNIVERSITY
 पिता/पति का नाम श्री. [Signature]
 निवासी [Signature]
 मुद्रांक मूल्य 500 विषय [Signature]

जितेन्द्र शर्मा
 स्टाफ विज्ञान ला. नं. 11/09
 पता नगर, सांगानेर, जयपुर
 9799886461

हस्ता/केता [Signature]

राजस्थान स्टाफ जीवनिक 1998 के अन्तर्गत स्टाफ राशि पर प्रसारित अधिभार	
आधारभूत आवस्यकता सुविधाओं हेतु (धारा 3-क) 10% रुपये	50/-
वृद्ध और वरुणी नस्ल के संरक्षण और संवर्धन हेतु (धारा 3-ख)/ प्राकृतिक आपदाओं एवं मानव निर्मित आपदाओं के निवारण हेतु 20% रुपये	100/-
स्टाफ स्टाफ बैंडर जितेन्द्र शर्मा ला. नं. 11/09	150/-



recognized, NAAC accredited. IIHMR University is dedicated to the improvement in standards of health through better management of health care and related programmes. It seeks to accomplish this through management research, education, training, consultation, and networking in a national and global perspective. IIHMR University offers MBA (Hospital and Health Management), MBA (Pharmaceutical Management), MBA (Development Management), MBA (Healthcare Analytics) Master of Public Health (Offered by Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA in cooperation with IIHMR University, Jaipur, India), Master of public Health (Implementation Science) program under the WHO-TDR postgraduate training scheme., Executive Education Programs, Online Certificate Courses and PhD programmes. IIHMR University has strong collaboration with Johns Hopkins University, USA; University of Manchester, UK; University of Montreal, Canada; Management and Science University (MSU) Malaysia, MENDEL University, Brno, Czech; Duquesne University, Pennsylvania, USA; Curtin University Malaysia and Rajasthan University of Health Sciences for academic advancement, student exchange, faculty exchange, and joint research programs.

About the Organization

Urban areas are growth centers of economy across the world. Basic information such as land use, settlements, green areas, inventory of amenities like water sources, road network, public utilities, communication network, health care etc. and equitable availability of these amenities and infrastructure is a key of urban development and quality of life in urban centers. Urban centers by virtue of large accumulation of population from various areas, cultural values, food habits etc. are also vulnerable to spread of diseases. Poor waste management and sanitation, industrial pollution, heavy vehicular pollution are added to the threat to the health of people. This proposed research is an effort to analyse the health hazards, vectors which are responsible for various diseases with health infrastructure in selected cities in different ecological conditions. Disease ecology has many environmental parameters and has specific patterns of spreading the infections. To understand the ecology of disease geospatial technology can play key role as it shows the spatial distribution of any phenomena along with related parameters so that the pattern can be displayed and site suitability analysis can be analysed with the gaps. The developed database can be used for GIS analysis for developing site specific interactive Decision Support System (DSS) for local level planning

2. Scope of MoU

The MoU outlines the broad framework of understanding between IIHMR University, Jaipur and Birla Institute of Scientific Research to formally establish cooperation and support to carry out research study in collaboration by identifying and developing areas of cooperation for the research project.

3. Purpose

IIHMR University will have a leading role in identifying the research issues, its dynamics and plan various activities to be done for Data collection related to climate, infectious diseases / NCDs, field surveys etc. It will be responsible for following outputs: -

1. A comprehensive analysis of the impact of rapid climate change on health or diseases in Rajasthan.
2. Identification of vulnerable regions and populations, enabling targeted interventions.
3. Share the strategies for effective mitigation and adaptation strategies, grounded in scientific evidence.
4. Enhanced community awareness and engagement, contributing to the development of locally relevant health practices.

Birla Institute of Scientific Research will prepare all GIS data collected through secondary sources and primary surveys in appropriate format and prepare thematic spatial distribution layers of individual parameters like climatic variables, disease occurrence, urban/rural density mapping, population distributions, water quality, location of medical facilities, infrastructure etc.

RESPONSIBILITIES OF IIHMR University: -

- Planning for field work
- Collection of data
- Coordination with State and Selected district's Health officers/ Functionaries
- Interpretation and analysis of disease data
- Understand the relationships between disease, other climatic variables and geographies.
- Report writing, sensitization workshop, Dissemination of the study findings both at district and state level.

RESPONSIBILITIES OF Birla Institute of Scientific Research, Jaipur

- Preparation of thematic resource information on 1:4000 using high resolution satellite imagery.
- Preparation of GIS database for all themes like climate, disease, urban data, and infrastructure and help IIHMR to compute correlation between variables.

Conduct any other areas of cooperation as agreed to by the Parties from time to time.

4. Financial Arrangements

The total cost of the proposed project would be received by IIHMR University and IIHMR University will release the funds of activities carried out by BISR as per the sanction by the funding agency.

PROJECT MONITORING

Birla Institute of Scientific Research, Jaipur and IIHMR University will establish a mechanism to monitor the progress under the project on a monthly basis. Project Monitoring will be done jointly or by any one agency as per the requirement of the project.

5. Confidentiality

Each of the Parties shall maintain the utmost confidentiality regarding the contents of this MoU at all times, and no Party shall use or disclose any confidential information of the other Party for any other purpose. During the tenure of the agreement and thereafter both Partners undertake on their behalf and on behalf of their employees / representatives / associates / subcontractors to maintain strict confidentiality and prevent disclosure thereof, of all the information and data exchanged/generated pertaining to work under this agreement for any purposes other than in accordance with this agreement.

6. Force Majeure

Both parties shall not be responsible for any failure to perform to unforeseen circumstances or to causes beyond their reasonable control, including but not limited to act of nature, war, riot, embargoes, acts of civil or military authorities, fire, floods, accidents, terrorist activities, strikes or shortages of transportation, facilities, fuel, energy, labor or materials. In the event of any such aspect being beyond the control of participating agencies, appropriate strategies would be worked out to compensate the activities/ schedules accordingly.

7. Liability

Both IIHMR University, Jaipur and Birla Institute of Scientific Research, shall be solely liable for any damages/claims against it in connection with the exercise of the objectives of this MoU hereunder, unless agreed upon otherwise by both the parties. Liability for specific activities jointly undertaken by parties shall be referred to in the specific agreements executed.

8. Duration

The MoU would be effective for a period of Three years, from the date of its execution (i.e., signing by both parties). It may be extended after expiry of three years and on such terms and conditions as may be mutually agreed upon. This Agreement will remain valid and in force until the date that is Three years after the date of execution, unless either party provide the other with written notice of nonrenewal at least thirty (30) days prior to the completion of validity of MoU.

9. Termination

Either party may terminate this MoU, without prejudice to any other remedy for any breach of MoU, by written notice for a period of 30 days.

10. Amendments

Either Party may request in writing a revision, amendment or modification of all or any part of this MoU.

Any revision, amendment or modification agreed to between the Parties shall be in writing and shall come into force on such date as determined by the Parties and shall form part of this MoU.

11. Conflict of Interest

Any intellectual property rights (patents/design/trademark/copyrights) obtained pertaining to the PROJECT shall remain the property of IIHMR University and BISR.

Birla Institute of Scientific Research, Jaipur shall exercise reasonable skill, care and diligence in the performance of the contract.

Both Parties warrant that this MoU is not likely to have any conflict of interest with any of their organizational, financial, contractual, or other interests relating to the activities under this MoU. Both parties also agree that this MoU will not be treated as a deterrent to allow similar activities or collaboration with other organizations.

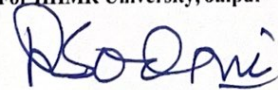
12. Resolution of Disputes

Any dispute arising between parties to this MoU will be put forward before an Arbitrator who will be appointed after consulting both parties.

In witness thereof, the duly authorized representatives of the collaborating parties sign this Memorandum of Understanding.

The Parties herein have entered and executed this MoU on the date mentioned above.

Agreed and accepted:
For IIHMR University, Jaipur

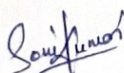


Dr. P. R. Sodani
President, IIHMR University, Jaipur

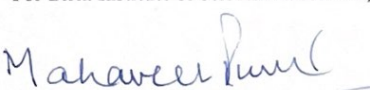


Date: 2nd August


Witness 1: Dr. Varsha Tane

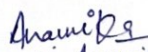

Witness 2: Soni Kumari

Agreed and accepted:
For Birla Institute of Scientific Research, Jaipur


Dr. M.P. Punia
Head, Department of Natural Resource
Management, Birla Institute of Scientific
Research, Jaipur, India



Date: 2nd August


Witness 1: Kumari Anavika


Witness 2: Pranod Kr. Jain