



बिहार BIHAR

क्र. संख्या 21412 दिनांक 21/2/2024 मूल्य 100 रु. (एक सौ रुपये)

AM 802243

हस्ताक्षर का नाम एवं पता:-

डा. अ. अ. शर्मा जी का कक्षा रोज़ बिहार-एम

मोहोर 29/12/2024
MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Indian Institute of Technology Patna, Patna, Bihar

AND

Gopal Narayan Singh University, Jamuhar, Sasaram, Rohtas, Bihar

This Memorandum of Understanding, **hereinafter referred as MoU**, is effective as of the date of the last signature below ("Effective Date") by and between

Indian Institute of Technology Patna is one of the new IITs established by an Act of the Indian Parliament on August 06, 2008, which is a premier Academic Institution of National Importance for Higher and Technical Education under Government of India and having its office at Bihta, Patna, Bihar 801106, INDIA, hereinafter referred to as **IIT Patna** which term shall unless is repugnant to the context include its successors, representatives, administrators and permitted assigns of the FIRST PART,

And

Gopal Narayan Singh University having its office at Jamuhar, Sasaram, Bihar 821305, herein referred to as **GNSU** which term shall unless is repugnant to the context include its successors, representatives, administrators and permitted assigns of the SECOND PART,

The aforesaid institutions are hereinafter referred to individually as the Party and collectively as the Parties.

1. PURPOSE

The purpose of this Memorandum of Understanding (MoU) is to establish a collaborative partnership between IIT Patna and GNSU to promote and advance healthcare research through the application of innovative technologies (such as Artificial Intelligence, Machine Learning Techniques, Blockchain, and Robotics), aligned with various government healthcare initiatives (such as Ayushman Bharat Digital Mission), to enhance clinical practices, improve patient outcomes, and support basic research. The goal is to create meaningful benefits for a diverse range of stakeholders, including healthcare professionals, patients, hospital administrations, and researchers.

2. SCOPE OF COLLABORATION

The parties agree to collaborate on the following areas:

- **Research Projects:** Identification and development of joint research initiatives focused on specific health challenges. Collaborative funding applications for research grants and projects.
- **Data Sharing:** Facilitate the exchange of clinical data and research findings to support collaborative research efforts.
- **Training and Education:** Provide opportunities for training and professional development for healthcare and IT professionals (faculties and staffs) and students from the Institute.
- **Publications and Dissemination:** Co-author publications and disseminate research findings through conferences, seminars, and journals.

3. ROLES AND RESPONSIBILITIES

- **IIT Patna Responsibilities:**
 - Lead research initiatives and coordinate project activities.
 - Provide expertise in research methodologies and data analysis.
 - Ensure that all research activities comply with institutional policies and ethical standards.
 - Conducting various training programs and workshops as per need basis.

- **GNSU Responsibilities:**

- Provide access to clinical data, patient populations, and relevant resources subject to clearance by ethics committee of Narayan Medical College & Hospital (NMCH).
- Support the research initiatives with approved/engaged clinical staff and facilities as needed.
- Ensure compliance with all applicable regulations and ethical guidelines.

4. NODAL PERSONS:

The officials who will have the responsibility in coordinating the MoU activities for the parties are as follows:

For IIT Patna:

Dr. Raju Halder
Associate Professor,
Department of Computer Science & Engineering
IIT Patna

Dr. Atul Thakur
Associate Professor,
Department of Mechanical Engineering
IIT Patna

For GNSU:

Prof. (Dr.) Arunava De
Dean (Faculty of IT & Engineering),
GNSU

Mr. Upendra Kumar Singh
General Manager (Operations)
NMCH

5. DURATION

This MoU shall commence on the date of signing and shall remain in effect for a period of five years, unless terminated by either party with 30 days written notice.

6. INTELLECTUAL PROPERTY (IP)

Any intellectual property (IP) developed jointly as a result of this collaboration will be co-owned by both parties, unless otherwise specified in a separate agreement.

7. CONFIDENTIALITY

Both parties agree to maintain the confidentiality of sensitive information shared during the collaboration and to adhere to applicable laws and regulations regarding data protection and privacy.

8. FUNDING AND RESOURCES

Each Party shall be responsible for identifying and securing funding for its respective contributions to the research initiatives. The Parties may jointly apply for external grants or funding to support collaborative projects, subject to mutual agreement and compliance with

applicable regulations. The MoU does not create any financial obligation or liability on either party except if specifically provided.

9. DISPUTE RESOLUTION

This Memorandum of Understanding (MoU) shall be governed by and construed by the laws of India. Any dispute arising in connection with this MoU shall be subject to the exclusive jurisdiction of the courts as mutually agreed upon by the Parties. The Parties further agree that the dispute resolution process shall be governed by the Civil Procedure Code, 1908, and other applicable laws of India.

10. AMENDMENTS

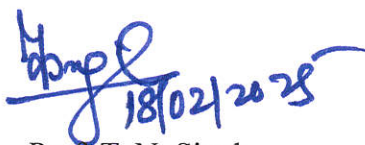
This Memorandum of Understanding (MoU) may be amended or modified only through mutual written agreement between the Parties and any modification or alteration in the terms and conditions of the agreement entered into between the parties may not be in any case or circumstances be made ex-parte.

11. SIGNATURES

This MoU is hereby entered into by the authorized representatives of the parties on the dates indicated below:

Signed for and on behalf of

IIT Patna



Prof. T. N. Singh

Director, IIT Patna

Date: **Prof. T. N. SINGH**
Director

INDIAN INSTITUTE OF TECHNOLOGY PATNA
BIHTA, PATNA-801106

Signed for and on behalf of

Gopal Narayan Singh University


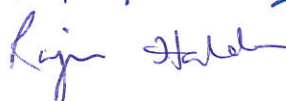


Prof. (Dr.) M. K. Singh


Vice Chancellor, GNSU

Date: **कुलपति**
VICE-CHANCELLOR
गोपाल नारायण सिंह विश्वविद्यालय
Gopal Narayan Singh University

Witnesses:

1. Prof. Rajiv Misra 
2. 

Witnesses:

1. 
2. 