

# MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MoU") is entered on  
08 September 2022, at Bilaspur, Chhattisgarh, India

BY AND BETWEEN



Guru Ghasidas Vishwavidyalaya, Bilaspur

AND



आरोग्यं पुत्रं धनम्

All India Institute of Medical Sciences, Raipur

FOR RESEARCH & ACADEMIC  
COOPERATION



The MEMORANDUM OF UNDERSTANDING (hereinafter referred to as MoU) is made between

- I. **Guru Ghasidas Vishwavidyalaya (GGV), Bilaspur** is a Central University, established by Central Universities Act, 2009 and recognized by University Grant Commission, based in Bilaspur, Chhattisgarh, India, (hereinafter called First Party) has professional, technical and vocational study programs along with facilities for research.

And


- II. **All India Institute of Medical Sciences (AIIMS), Raipur**, one of the six AIIMS like apex healthcare autonomous institutes being established by the Ministry of Health & Family Welfare, Government of India, located in Raipur, Chhattisgarh, will be the Second Party on the OTHER PART (who for the purpose of this MoU) are hereinafter individually referred to as PARTIES.

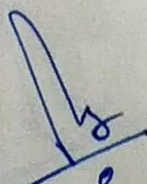
The parties having discussed fields of common research interests and allied academic activities between the two institutions have decided to enter into long-term collaboration for promotion of research output, students training, quality graduate and postgraduate research in innovative areas of common interest.

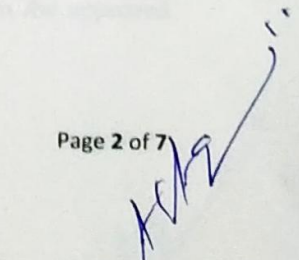
#### **OBJECTIVES OF THE AGREEMENT**

The objectives of this MoU, will include programs offered at either party which are felt to be desirable and feasible for the development and strengthening of expertise in various fields to expand opportunities in research, particularly with respect to areas of common interests like Health Sciences, Biotechnology, Bio-medical Sciences, Chemical Sciences, Pharmaceutical Sciences and various other areas of life sciences. Besides this, development of human resources will also be explored to face future challenges of human society with cooperative relationship between the two institutions,

It also includes the exchange of ideas on research publications, academic programs and research projects and promotion of technology, incubation and startups.

  
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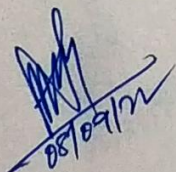
Such programs may include any or all of the following activities:

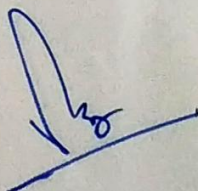
- I. Encouragement of study by qualified students, both graduate and undergraduate, of each party of order;
- II. Exchange of faculty and researchers;
- III. Promotion of collaborative research in areas of mutual interest;
- IV. Development of short-term academic and training programs;
- V. Participation of jointly organized academic meetings, seminars, and workshops;
- VI. Have collaboration in other area/areas, which the parties agree in their mutual interest.

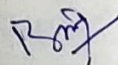
#### **ARTICLE 1: Scope, Goals and Forms of Cooperation**

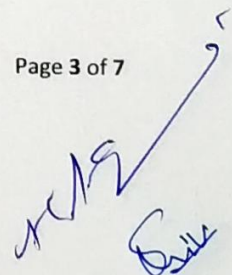
The signing institutes agree to provide opportunity as appropriate, for the following activities towards the completion of the objectives of this MOU:

- I. Exchange of ideas with the objective of realizing research projects and offering courses in areas mutually agreed upon by both parties through prior invitation and in accordance with the procedures and expectations established by each institute and their specific departments.
- II. Planning and conducting cutting-edge research in various areas of sciences for instance Biotechnology, Biomedical Sciences, Chemical Sciences, Pharmaceutical Sciences et cetera for breakthroughs in disease diagnosis, treatment and enhancing public healthcare system among many other arenas.
- III. Both parties will provide research expertise and support to each other's researchers by providing access to PhD Scholars and Investigators in their facilities to conduct experiments, collect biological samples and publish findings collaboratively.
- IV. Operational details of research effort and collaboration will be made in common research programs and/or projects restricted to specific mandated domain within the approved disciplines/divisions.

  
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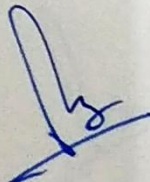


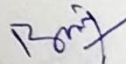
- V. Research instrumentation facility and library facilities available with the Second party and the First party will be made available to the faculty and research scholars. However, the costs of specific consumables will be borne by the respective organizations.
- VI. Exchange of scientific publications, study programs, academic projects, course information, seminars, conferences, and any other data and information of common interest.
- VII. Both the Institutions will develop joint research projects; promote incubation technology, startups, organization of seminars, symposia, workshops, discussions for benefits of the students.
- VIII. Submitting proposals jointly to various Central/State Department Organization under different Schemes using each other's competencies by mutual consent.
- IX. All joint activities will be realized through mutual agreement and clearly established conditions and mutual obligations of the appropriate institute entity.

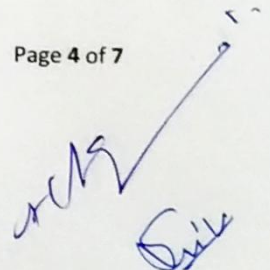
## ARTICLE 2: Management

- I. Vice-Chancellor of the First party and Director of 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.
- II. The Advisory Committee will meet at least once in a year alternatively in the institution of 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 all students, faculties and scientists.

  
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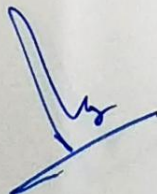
### ARTICLE 3: Exchange of Information

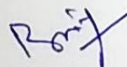
- I. The term "information includes scientific or technical data results and/or methods of investigation, and other information intended to be provided, exchanged, or arising under project descriptions entered into pursuant to this MoU.
- II. The parties support the widest possible dissemination of information.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

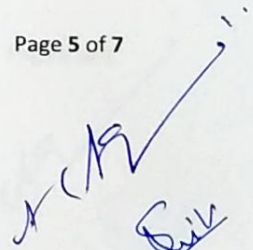
### ARTICLE 4: Implementation of this Memorandum of Understanding

- I. It is understood that the First party and Second party subscribe to the principle of equal opportunity and do not discriminate on the basis of state, race, gender, 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.
- II. Students and research scholars may visit the corresponding departments of the institute after finalizing a mutually acceptable schedule.
- III. All the expenses shall be the direct responsibility of the student concerned (subject to any agreements on payment arrangements made by either institution with its own students).
- IV. The researchers will be allowed to make use of the instruments and other research facilities available in various departments of these institutes after prior approval of the visiting schedule and due approval from Heads of both Institutions.
- V. Both parties promote research and realize collaborative projects giving priority to interdisciplinary works.

  
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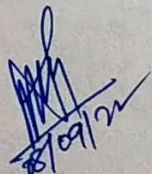


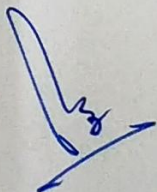
## ARTICLE 5: Terms and Conditions

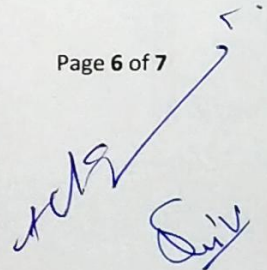
- I. This MoU shall become effective from the date it is signed by the parties and shall be valid for three years extendable up to five years. Both parties shall review the status of the MoU at the end of each three/five year period to determine any modification, whenever necessary. The period of validity 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.
- II. 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.
- III. 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.
- IV. Financial terms and conditions will be decided mutually as per needs of both parties. This MOU will be considered only for academic and R&D purposes only by both parties.

## ARTICLE 6: Arbitration

- I. Any issues that are not addressed or stipulated in the MoU shall be discussed and resolved through negotiation in good faith and such resolution will be incorporated as written amendments to the MoU by mutual agreement between the two Parties.
- II. No disputes are foreseen in the implementation of this MoU. The two Parties, however, agree that if any dispute arises between them, efforts will be made to settle the same as

  
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amicably as possible. If the dispute remains unsettled, it will be referred for resolution bilaterally to Vice Chancellor, Guru Ghasidas Vishwavidyalaya, Bilaspur and Director, All India Institute of Medical Sciences, Raipur. The decisions so arrived at, shall be final and binding on the parties to this MoU.

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**

**Name and Address of the Second Party**

Guru Ghasidas Vishwavidyalaya,  
Koni, Bilaspur, Chhattisgarh, India,  
495009

All India Institute of Medical Sciences,  
G.E.Road, Tatibandh, Raipur, Chhattisgarh  
India, 492001

**Signed by**

**Signed by**

Registrar

Director,

Guru Ghasidas Vishwavidyalaya,  
Bilaspur, India  
**Registrar (acting)**  
Guru Ghasidas Vishwavidyalaya  
(A Central University)  
Bilaspur (C.G.) 495 009 India

All India Institute of Medical Sciences,  
Raipur, Chhattisgarh, India

Dated: 8/9/22

Dated:

Witness 1

Witness 1

Witness 2

Witness 2

## **Report on MOU with AIIMS, Raipur**

Guru Ghasidas Central University (GGU), Bilaspur, and All India Institute of Medical Sciences (AIIMS), Raipur have signed a Memorandum of Understanding (MoU) on September 08, 2022 to explore emerging research areas in Biotechnology, Biomedical sciences, Pharmaceutical Sciences, Chemical Sciences, and other disciplines. Both Institutions have agreed to identify new research areas for collaborative quality research.

### **Faculties of GGV, Bilaspur visits AIIMS, Raipur to discuss and explore common research interests with their faculties**

On 19<sup>th</sup> November 2022, faculties of Guru Ghasidas Vishwavidyalaya, Bilaspur visited All India Institute of Medical Sciences, Raipur to have a discussion and explore areas of common research interests. This meeting was also a first bilateral meeting to initiate academic and research collaborations between the two institutions following the historic signing of Memorandum of Understanding on September 8<sup>th</sup>, this year. Dr. Renu Bhatt, Head of the Department of Biotechnology led the faculty delegation of GGV which consisted of Dr. Dhananjay Shukla, Dr. Naveen Kumar Vishwakarma of Department of Biotechnology, Dr. Rohit Seth of Department of Zoology. The faculties were also accompanied by three PhD students working on Cancer Clinical Research.

The Dean (Academics) of AIIMS, Dr. Alok Kumar Agarwal welcomed everyone in the



committee hall of Medical College Building at around 12.15 PM, followed by a brief introduction by faculties of both institutions, about their respective specialties and area of interest. Faculties of AIIMS who were present in the meeting included Dr. Siddharth Nanda from Department of Radiation Oncology, Dr. Narendra Kumar Bodhey from Department of Radio-diagnosis, Dr. Sajal De from Department of Pulmonary medicine/TB, Dr. Eli Mohapatra from Department



of Biochemistry, Dr. Rahul Satarkar and Dr. Rakesh Gupta from Department of Pathology/Lab medicine, Dr. Lokesh Kumar Singh from department of Psychiatry, Dr. Souvik Paul from department of Surgical Gastroenterology, Dr. Amit Kumar from department of Medical Oncology and Dr. Shrijith MB from department of Orthopaedics.



After faculties from both sides introduced themselves, Dr. Alok Kumar Agarwal encouraged both faculties of AIIMS and GGV to collaborate with each other based on mutual interests and benefits. Dr. Renu Bhatt briefed everyone about the kind of research activities pursued by department of Biotechnology and expressed her interest to work closely with AIIMS to do good research in the region. Dr. Dhananjay Shukla of GGV put forth his interest in working for molecular diagnosis of Colorectal Cancer and develops some

translatable tool for the benefit of patients. After which Dr. Siddharth Nanda expressed his ideas and emphasized on rectal cancer diagnosis and concerns regarding early onset Colorectal cancer as a problem. Dr. Naveen Kumar Vishvakarma spoke about the need for collaborations between basic scientists and clinicians so that solutions to biomedical problems for efficient translation from bench-side to bed-side. Dr. Rohit Seth of GGV briefed about his interest in Neuroscience and Psychiatry. He said GGV can help AIIMS with enthusiastic manpower, animal facilities etc. and can take help of AIIMS for biological samples and clinical insights. Dr. Rahul Satarkar of pathology department shared advancement in immunohistochemistry investigations done by his department regarding Colorectal cancer. Later Dr. Rakesh Gupta, Dr. Sajal De also shared how they can contribute to various research ideas. Dr. Souvik Paul shared his interests about gut microbiota and how it can be used to gain insights into Colorectal pathogenesis. Dr. Amit Kumar from medical oncology expressed his interest to work with GGV for molecular diagnosis of Colorectal cancer. The discussion continued for about 1.30 hours where faculties discussed modalities and their respective thrust areas with each other. Dean (Academics) Dr. Alok Kumar Agarwal requested everyone to move forward with common research proposals for which the Principal Investigators must seek ethical approval from their respective Institutional Ethics

**गुरु घासीदास विश्वविद्यालय**  
(केन्द्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केन्द्रीय विश्वविद्यालय)  
**कोनी, बिलासपुर - 495009 (छ.ग.)**



**Guru Ghasidas Vishwavidyalaya**  
(A Central University Established by the Central Universities Act 2009 No. 25 of 2009)  
**Koni, Bilaspur - 495009 (C.G.)**

Committee. He also ensured the faculties connect with each other via social media for communication regarding future research projects. After the meeting ended, GGV faculties met and briefed the Director AIIMS, Raipur, Dr. Nitin M. Nagarkar in his office before leaving the campus.

**विभागाध्यक्ष, जैव प्रौद्योगिकी विभाग**  
**Head, Department of Biotechnology**  
गुरु घासीदास विश्वविद्यालय, बिलासपुर (छ.ग.)  
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)