

## NAAC Criterion-III

3.7.2 Number of functional MoUs with institutions / industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years



Central University of Himachal Pradesh

Dharamshala, Kangra (H.P.)

176215

**E-copy of the MOUs indicating the objectives of the MOU as endorsed by both the parties and the activities conducted under each MoU along with dates of starting and completion**

<b>S. No.</b>	<b>Name of the Organisation/ Institution/ Industry with whom MoU is signed</b>	<b>Year of signing MoU</b>	<b>Duration of MoU</b>	<b>Page No.</b>
<b>1</b>	<b>CSIR-IHBT</b>	<b>2016</b>	<b>5 Years</b>	<b>1 - 11</b>
<b>2</b>	<b>The Central University of Himachal Pradesh signed a memorandum of understanding with the CDSL Ventures Limited, Mumbai, a digital depository authorized by the UGC, Ministry of Human Resource Development vide No D.O. No. F.1-1/2016 (NAD) dated 23.11.2016 to offer services for National Academic Depository (NAD)</b>	<b>2016</b>	<b>5 Years</b>	
<b>3</b>	<b>The Central University of Himachal Pradesh signed a memorandum of understanding with the National Council of Rural Institutes, Hyderabad, a council functioning under MHRD, Government of India on 20th Dec. 2016.</b>	<b>2016</b>	<b>5 Years</b>	<b>12 - 18</b>
<b>4</b>	<b>Confederation of Indian Industry</b>	<b>2016</b>	<b>5 Years</b>	<b>19 - 21</b>
<b>5</b>	<b>Centre for Monitoring Indian Economy</b>	<b>2016</b>	<b>5 Years</b>	<b>22 – 26</b>
<b>6</b>	<b>The Central university of Himachal Pradesh (CUHP) has agreed to participate in UBA as a Participating Institute (PI) for all the regions of state of H.P. and signed a MoU with IITD in January 2017.</b>	<b>2017</b>	<b>5 Years</b>	
<b>7</b>	<b>Tri-Partite MoU With MHRD And UGC</b>	<b>2017</b>	<b>5 Years</b>	<b>27 – 36</b>
<b>8</b>	<b>MoU with Library of Tibetan Works and Archives</b>	<b>2018</b>	<b>5 Years</b>	<b>37 – 41</b>
<b>9</b>	<b>Mou with Information and Library Network (INFLIBNET)</b>	<b>2017</b>	<b>5 Years</b>	<b>42 – 47</b>
<b>10</b>	<b>The Institute of Company Secretaries of India and Central University of Himachal Pradesh</b>	<b>2019</b>	<b>5 Years</b>	<b>48 - 50</b>
<b>11</b>	<b>Centre for North East Studies, New Delhi</b>	<b>2019</b>	<b>5 Years</b>	
<b>12</b>	<b>Institute of Company Secretary of India</b>	<b>2019</b>	<b>5 Years</b>	<b>51 - 54</b>
<b>13</b>	<b>Indian Red Cross Society (IRCS), New Delhi</b>	<b>2019</b>	<b>5 Years</b>	<b>55 - 57</b>
<b>14</b>	<b>Treidge Solutions Pvt. Ltd., New Delhi</b>	<b>2019</b>	<b>5 Years</b>	
<b>15</b>	<b>Dr. Ambedkar International Centre and Central University of Himachal Pradesh</b>	<b>2019</b>	<b>5 Years</b>	<b>58 - 66</b>

16	Research for Resurgence Foundation, Nagpur	2019	5 Years	67 - 75
17	Indira Gandhi National Centre for the Arts (IGNCA), New Delhi	2019	5 Years	
18	Thakur Jagdev Chand Smriti Sodh Sansthan (TJCSSS), Neri, Hamirpur (H.P.)	2020	5 Years	76 – 84
19	Sanjeevani Sharda Kendra, Jammu	2021	5 Years	85
20	Indian Red Cross Society (IRCS)	2021	5 Years	86 - 88
21	ULBs/Rural Bodies, SPCB and IoRs (Central University of Himachal Pradesh)	2021	5 Years	89 - 92
22	Aryabhatta Research Institute of Observational Science (ARIES), Nainital And Central University of Himachal Pradesh	2021	5 Years	93 - 129
23	Central University of Haryana and Central University of Himachal Pradesh	2021	5 Years	130 - 133
24	Regional Cum Facilitation Centre Northern Region-1, Joginder Nagar and Central University of Himachal Pradesh, Dharamshala	2021	5 Years	134 – 143
25	Chinmaya Organisation for Rural Development Dharamshala and Central University of Himachal Pradesh, Dharamshala	2021	5 Years	144 – 148
26	Research for Resurgence Foundation, Nagpur and Central University of Himachal Pradesh, Dharamshala	2021	5 Years	149 – 157
27	Shiksha Sanskriti Uthan Nyas and Central University of Himachal Pradesh, Dharamshala	2021	5 Years	
28	Himalayan Forest Research Institute (HFRI) and Central University of Himachal Pradesh	2021	5 Years	158 – 164
29	Directorate of Mushroom Research, Solan	2021	5 Years	
30	Thakur Ram Singh Itihas Shodh Sansthan Neri, Hamirpur	2020	2 Year	165 – 166
31	Shiksha Sanskriti Utthan Nyas, Delhi	2021	3 Year	167 – 169
32	Ayush Herbs PVT. LTD. Nagrota Bagwan	2022	5 Years	170 – 176
33	Yog Bharati Himachal	2022	5 Years	177 – 182
34	Bundelkhand University	2022	5 Years	184 - 188



हिमाचल प्रदेश HIMACHAL PRADESH

383032

**MEMORANDUM OF UNDERSTANDING (MoU)  
BETWEEN CSIR-INSTITUTE OF HIMALAYAN BIORESOURCE  
TECHNOLOGY, PALAMPUR AND CENTRAL UNIVERSITY of HIMACHAL  
PRADESH, DHARAMSALA**

This Memorandum of Understanding hereinafter referred to as MoU is signed on this 24<sup>th</sup> day of March in the year 2013 between the **CSIR-Institute of Himalayan Bioresource Technology, Palampur, Himachal Pradesh**, hereinafter called "**CSIR-IHBT**" which expression, unless otherwise provided, shall include its successors and assignees, on the one part and **The Central University of Himachal Pradesh, Po Box 21, Dharamshala, District Kangra (Himachal Pradesh)-176215**, hereinafter called "**CUHP**" which expression, unless otherwise provided, shall include its successor of assignees on the other part.

**1. Preamble:**

- 1.1 Whereas the Council of Scientific and Industrial Research (CSIR) and the University Grants Commission (UGC) have realized the need for a close linkage between National Laboratories and Universities in terms of research and academic activities. In compliance to this idea, the <sup>CSIR-</sup>Institute of Himalayan Bioresource Technology (IHBT), Palampur and the Central University of Himachal Pradesh (CUHP), established under the Central Universities Act,

*[Signature]*

*[Signature]*



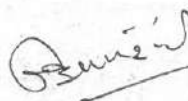
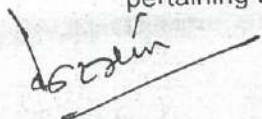
2009, have expressed a desire to join hands for the cause of promotion of quality research and high end science and decided to sign Memorandum of Understanding (MOU) to initiate academic and research programmes between the two Institutions in the broad areas of Biosciences and Bioinformatics as per the following terms and conditions:

## 2. Recitals

- 2.1 AND WHEREAS both the CSIR-IHBT and the CUHP recognize that they share common goals and are desirous to establish, a cooperative arrangement towards - strengthening Indian higher education and research through mutual resource sharing.
- 2.2 AND WHEREAS both organizations are desirous to associate in all other related areas as may be agreed upon for furtherance of knowledge based enterprises, apt technical and management skill for future technology development, exchanging of information and work towards effective Research Institutions-Academia partnerships for Human Resource Development and R&D.
- 2.3 NOW THE PARTIES (CSIR-IHBT and CUHP) HEREBY ACKNOWLEDGE AND agree to collaborate on collaborative and joint research work in the various areas of mutual interest by entering into this MoU covering the activities as detailed below:

## 3. Period of MoU and its Extension

- 3.1 This MoU comes into effect from the date of its signing and will remain in force till the completion of five (05) years. Its validity can be extended by mutual agreement between both the parties.
- 3.2 This MoU supersedes all the previous correspondences and discussions, undertakings and agreement between the two parties on the subject pertaining to this MoU.



#### 4. Scope of MoU

4.1 The scope of the MoU will be to collaborate for research and teaching in the designated subjects of Biotechnology, Bioinformatics, Chemistry, and Molecular Biology or any other branch of Life Sciences or Chemical Sciences. Both the Parties hereto wish to record the following main areas of cooperation on mutually agreed terms and conditions.

4.1.1 Mutually sharing of infrastructural facility for pursuing research and conducting R&D programmes.

4.1.2 Knowledge sharing in the field of Biotechnology, Bioinformatics, Chemistry, and Molecular Biology or any other branch of Life Sciences or Chemical Sciences.

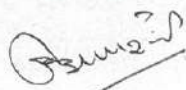
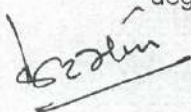
4.1.3 Exchange of faculty in regular courses and training programme from both the institutions. For the mutual benefit of the two Institutions, there will be exchange of CSIR-IHBT scientists and faculty members of the concerned school of CUHP.

4.1.4 Collaborative and Joint research projects by the CSIR-IHBT scientists and faculty members of the concerned schools of CUHP through mutual sharing of the research facilities at CSIR-IHBT and CUHP.

4.1.5 CSIR-IHBT and CUHP will work closely to generate appropriately trained manpower in the mutually identified areas of Science & Technology through organization of formal academic curricula, symposia, short-term training courses, etc. TA/DA for scientists and research scholars will be borne by the respective organizations.

#### 4.2 Responsibility of CUHP

4.2.1 CUHP will recognize CSIR-IHBT as an accredited Centre for supervising and guiding and pursuing research, leading to MPhil/PhD degree in the designated subjects of Biotechnology, Bioinformatics,



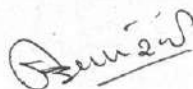
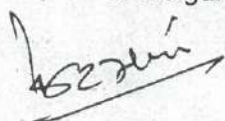


Chemistry, and Molecular Biology or any other branch of Life Sciences or Chemical Sciences.

- 4.2.2 CUHP will recognize CSIR-IHBT scientists, subject to the fulfilment of eligibility requirements as per the Act, Statutes and Ordinances of the University, as supervisors for guiding research leading to MPhil/PhD degrees.
- 4.2.3 CUHP will, subject to the fulfilment of eligibility requirements as per the Act, Statutes and Ordinances of the University, confer the status of Adjunct Professor, Adjunct Associate Professor and Adjunct Assistant Professor on CSIR-IHBT scientists, depending upon their qualifications and designations, involved in collaborative research and teaching with CUHP.
- 4.2.4 CUHP shall provide access to Library and research facilities to the scientists and PhD students of CSIR-IHBT and that they shall be governed by the rules and regulations of the University as applicable to the faculty and research scholars of the University.

#### 4.3 Responsibility of CSIR-IHBT

- 4.3.1 CSIR-IHBT shall provide access to its Library and research facilities to the students and faculty members of concerned schools of the CUHP and that they shall be governed by the rules and regulations as applicable to the CSIR-IHBT Scientists.
- 4.3.2 CSIR-IHBT will provide summer training, research facilities to students (not more than 10 at a time) and CSIR-IHBT scientists will help in the preparation of teaching material for these students.
- 4.3.3 CSIR-IHBT shall arrange Hostel/Guest House accommodation for Central University of Himachal Pradesh students coming for summer trainings subject to availability of accommodation and in accordance to the guidelines for accommodation charges by CSIR-IHBT.



4.3.4 CSIR-IHBT Scientists recognised by the CUHP as Adjunct Professor, Adjunct Associate Professor and Adjunct Assistant Professor will be permitted to be involved in teaching and evaluation of students' performance in theory as well as practical classes in the CUHP.

#### 4.4 Collaborative Research Degree (MPhil/PhD) Programme

4.4.1 CSIR-IHBT and the CUHP shall, subject to their rules and regulations and through mutual consultation, evolve a collaborative Research Degree (MPhil/PhD) programme.

4.4.2 Modalities of the collaborative research degree programme shall be worked out by the two organisation through mutual consultations and with due regard to the Act, Statutes and Ordinances of the CUHP and the rules and regulations governing the CSIR-IHBT.

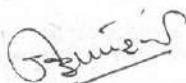
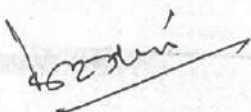
#### 5. Areas of Collaborative Research

5.1 Areas of collaborative research shall be worked out mutually between the two parties keeping in view the research needs and priorities of the two parties and also depending upon the research expertise and research facilities available in the CSIR-IHBT and the CUHP.

#### 6. Co-ordination & Progress Review Committee (CPRC)

6.1 It is agreed that the progress of this MOU shall be monitored by a Review Committee comprising Vice-Chancellor of the CUHP and the Director, CSIR-IHBT through periodic meetings.

6.2 Director of the CSIR-IHBT and Dean of the School concerned from CUHP would be the coordinators for activities under this MoU.





**7. Financial Terms**

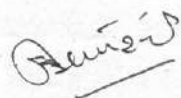
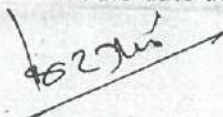
- 7.1 There shall be no financial obligations on the part of the CSIR-IHBT and CUHP. Expenditures related to sample preparation, and experimentation would be borne by respective labs at their own end.

**8. No Liability Clause**

- 8.1 CSIR-IHBT shall not be responsible for any loss or damage whatsoever, resulting due to implementation of any technology at the premises of CUHP or CSIR-IHBT, or due to testing of the same at the premises of CUHP or CSIR-IHBT.
- 8.2 CUHP shall not be responsible for any loss or damage whatsoever, resulting due to implementation of any technology at the premises of CUHP or CSIR-IHBT, or due to testing of the same at the premises of CUHP or CSIR-IHBT.

**9. Confidentiality Clause**

- 9.1 Both the parties acknowledge the confidentiality of the information, which may be transferred between the parties or obtained or developed during the course of this exchange from time to time as being essential to this MoU and agree not to disclose the same to any third party. However, each party shall be free to disclose this information as is:
- 9.1.1 In the public domain at the time of disclosure.
- 9.1.2 Required to be disclosed by official authorities in accordance with applicable law or regulation.
- 9.2 While the parties agree to co-operate and otherwise act in good faith with the view to the successful implementation, there is no financial binding on either party. This MoU is intended to mutual understanding of the parties hereto as at the date thereof.



- 9.3 Any notice, request or other communication required or permitted to be given under this MoU shall be in writing and shall be delivered in person or by recognized courier service or facsimile, or to the authorized persons of two organisation to be notified separately.
- 9.4 Each of the parties recognizes that the successful implementation of this MOU to the mutual satisfaction and benefit of both the parties will require a significant degree of cooperation and good faith on behalf of both the parties. Each of the parties resolves to act in good faith and in accordance with the spirit of this MOU to implement the provisions in accordance with the mutual desire and in the interests of the parties.
- 9.5 Both the parties undertake not to transfer, for any consideration to be received by it, the know-how/data obtained through this MoU to any other party in any manner whatsoever without prior written approval of each other whether within and beyond the period of this MoU. Both the parties shall take all necessary measures to ensure that the knowledge/data obtained under this MoU is not passed on or disclosed to any third party.
- 9.6 While the parties agree to co-operate and otherwise act in good faith with the view for successful implementation, there is no financial binding on either party. This MoU is intended to mutual understanding of the parties hereto as at the date thereof.

#### 10. Publications

- 10.1 Publications, if any, in respect of the development of the know-how as envisaged with the prior mutual consent of the two parties shall be in the names of the investigators. Prior publications will be avoided where a patent or patents may possibly be taken.
- 10.2 Publications, if any in respect of the said studies will be with the prior mutual consent of CSIR-IHBT and CUHP and shall be in the names of both the parties suitably acknowledged by CSIR-IHBT/CUHP.



10.3 Prior publications will be avoided where a patent or patents may possibly be taken.

#### 11. Protection & Disposition of Ownership of Intellectual Property Rights

11.1 The ownership of all Background Information and Background Intellectual Property Rights generated by the parties prior to the MoU shall rest with the respective parties. However, parties shall have right to use such Background Information and Background Intellectual Property Rights for the purposes of the R&D work performed under the MoU.

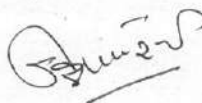
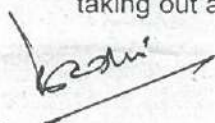
11.2 All Foreground Information and Foreground Intellectual Property Rights created during the R&D work performed under the MoU shall be owned jointly by the parties.

11.3 Parties to this MoU shall confer and consult each other regarding filing of Intellectual Property Rights applications including patent applications covering Foreground Information and share equally the attendant expenditure related to filing, prosecution, grant, maintenance etc. of the same.

11.4 In the event of any extraordinary situation including infringement suits filed by third parties, parties shall initiate any action in mutual consultation and agreement.

#### 12. Patent & Patent Infringement

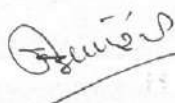
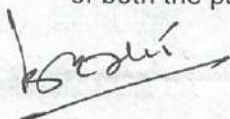
12.1 If the know-how developed as a result of a study undertaken under this MoU leads to a patent or patents being taken, the parties hereto shall mutually agree whether or not to apply for a patent/s and if so in which country. Patents taken, if any, will be in joint names of the two parties. The cost of taking out a patent shall be borne by CSIR-IHBT or CUHP.



- 12.2 In the event of any claim or action being brought against either party to this MoU alleging infringement of a patent of a third party, the parties hereto shall mutually decide whether to defend the claim or not. The cost of defence against any such claims or action shall be borne by the two parties hereto.
- 12.3 In the event of patents being filed, out of the research work of a student working at CSIR-IHBT for MPhil/PhD thesis under the sole supervision of scientist(s) from the IHBT, the CUHP shall have no claim to IPRs.
- 12.4 In the event of patents being filed, out of the research work of a student working at CUHP for MPhil/PhD thesis under the sole supervision of faculty member(s) of the CUHP, the CSIR-IHBT shall have no claim to IPRs.
- 12.5 In the event of a patent being filed, out of the research work of a student working at CSIR-IHBT for MPhil/PhD thesis under the joint supervision of the scientist(s) and faculty member(s) of the CUHP, the cost of patenting and any monetary benefits accruing subsequent of filing and maintaining the patents will be shared by CSIR-IHBT and CUHP on equal basis.
- 12.6 In the event of a patent being filed out of the collaborative research work between the faculty members of CUHP and the scientists of CSIR-IHBT the cost of patenting and monetary benefits accruing subsequent to filing and maintaining of the patents will be shared by CUHP and CSIR-IHBT on equal basis.

### 13. MoU and its Amendments

- 13.1 This MoU shall be the principal repository of the terms and conditions agreed to between the parties and no amendment thereof shall take effect or be binding on both the parties unless such amendment is authorized by them and is recorded in writing and signed by the duly authorized representatives of both the parties.





**14. Termination**

14.1 In case it is found by the two parties that the desired objectives cannot be achieved due to any reason(s) whatsoever, this MoU will be treated as terminated by a mutually agreed procedure without any liability on either of the party.

14.2 However the MPhil and PhD students admitted under the collaborative research supervision shall continue to be governed by the same terms and conditions till the completion of their degrees in accordance with the Act, Statutes and Ordinances of the CUHP.

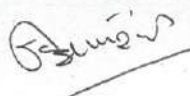
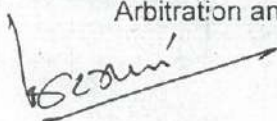
**15. Force Majeure**

15.1 Neither party shall be held responsible for non-fulfilment of their respective obligation under this MoU due to the exigency of one or more of the force majeure events, such as, but not limited to Acts of God, War, Flood, Earthquakes, Strike(s), Lockout(s), Epidemics, Riots, Civil commotion etc provided on occurrence and cessation of such events, the party affected by these shall give a notice in writing to the other party within one month of such occurrence and cessation. If the majeure conditions continue beyond six months, the parties shall then mutually decide about the future course of action.

**16. Arbitration**

16.1 Except as otherwise provided elsewhere in the MoU, in the event of any dispute or difference relating to, arising from or connected with the MoU such dispute or difference shall be resolved between the parties by mutual consultation and to the satisfaction of both the parties.

16.2 If amicable settlement cannot be reached within 30 days from the date of the occurrence of the dispute, the matter under dispute shall be finally settled without recourse to the courts, in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and amendments thereto, if any.



16.3 The Arbitration shall be conducted by the Arbitrator(s) appointed by the mutual consent of both the parties in accordance with the Rules of the said Act. The arbitral award shall be final and binding. The arbitration proceedings shall be held at Chandigarh.

#### 17. Hold Harmless

17.1 The IHBT agrees to hold CUHP harmless from any claim or damages arising from the IHBT's performance of work under this contract. IHBT shall also hold CUHP harmless without any limitation from any claims or damages raised or damages suffered by the IHBT.

17.2 The CUHP agrees to hold CSIR-IHBT harmless from any claim or damages arising from the CUHP's performance of work under this contract. CUHP shall also hold CSIR-IHBT harmless without any limitation from any claims or damages raised or damages suffered by the CUHP.

IN WITNESS WHEREOF, the Parties hereto have duly executed this MOU on Twentieth day of March year Two Thousand and Thirteen.

(B.R. DHIMAN)

कुलपति/Chancellor  
हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय  
Central University of Himachal Pradesh  
पोस्ट बॉक्स नं. 21 / Post Box No. 21  
धरमशाला (हि.प्र.) Dharamshala (H.P.)-176215

(Prof. Furqan Qamar)

VICE-CHANCELLOR

कुलपति / VICE-CHANCELLOR  
हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय  
Central University of Himachal Pradesh  
पोस्ट बॉक्स नं. 21 / Post Box No. 21  
धरमशाला (हि.प्र.) Dharamshala (H.P.)-176215

(Dr. Paramvir Singh Ahuja)

DIRECTOR

CSIR-Institute of Himalayan  
Bioresource Technology  
पालम्पुर (हि.प्र.) Palampur (H.P.)-176081

Witnesses

(Prof. Arvind Agrawal)

Dean

School of Social Sciences  
Central University of  
Himachal Pradesh, Dharamshala, H.P.

(Prof. Ambrish Kumar Mahajan)

Dean

School of Life Sciences  
Central University of Himachal Pradesh  
Dharamshala, H.P.

Witnesses

(Arvind Gulati)

Chief Scientist & Dean

Academic Affairs,  
CSIR-Institute of Himalayan  
Bioresource Technology,  
Palampur, H.P.

(J.K. Prashar)

Administrative Officer,

CSIR-Institute of Himalayan  
Bioresource Technology,  
Palampur, H.P. 176081 INDIA

①

DRAFT

# **Memorandum of Understanding (MOU)**

---

**Between**



**National Council of Rural Institutes  
Hyderabad**

**and**

**Central University of Himachal Pradesh  
Dharmashala**





## Memorandum of Understanding (MOU)

Between

National Council of Rural Institutes  
&  
Central University of Himachal  
Pradesh Dharmashala

This Memorandum of Understanding is entered into on 20<sup>th</sup> day of December 2016 between the NATIONAL COUNCIL OF RURAL INSTITUTES, Ministry of Human Resources Development Govt. of India Hyderabad represented by the Chairman hereafter to be called the **'FIRST PARTY'** and the CENTRAL UNIVERSITY OF HIMACHAL PRADESH, Dharmashala represented by the Vice Chancellor, here-after to be called **'SECOND PARTY'**

The National Council of Rural Institutes (NCRI) aims at Human Resource Development and Capacity Building of Universities and Higher Educational Institutions in the country. Established in 1995 by the Government of India under the Union Ministry of Human Resource Development, the NCRI seeks to usher in academic i.e., teaching-learning and research activity focused on issues of concern to rural India. Its HRD endeavors and instruments of development include curriculum development, curriculum transaction, curriculum standardization and curriculum accreditation with workshop, material development, teaching, research, action research, advocacy and hand-holding of academic activities focused on rural concerns.

The NCRI interfaces with universities and institutes of higher learning even while collaborating and converging with the objectives of educational and academic infrastructure that can make a lasting difference to the life and living standards of the rural India. HRD is our operational framework and Human Development is the goal.

Development of backward areas and their representative institutions, boosting the flagship social and rural programmes with focus on education, employment, livelihoods and rural



resilience building comprise the core initiatives. Developing a committed and competent cadre of Academic Professionals interested in rural issues is another major objective of NCRI. These Professionals are expected to streamline and deliver education effectively and efficiently with emphasis on inclusion and regional prosperity. The Council seeks to empower the rural education and the academics manning them. Empowerment of the people will be a well designed corollary.

The NCRI aims at forging academic partnerships and networks with Central Universities and National Institutions as well as cutting edge public organizations. Emerging opportunities for strengthening Social Development and Economic Growth initiatives in the rural areas are identified with a view to promoting participatory development. Capacity building and professionalization of Rural Academic activity, entrepreneurship, livelihoods, community initiatives, creativity of local groups and proactive development action constitute the core content of NCRI's research and capacity building programmes and field interventions.

The Central University of Himachal Pradesh at Dharamshala is set up under the Central University of Himachal Pradesh Act 2009 enacted by the Parliament. The university is funded and regulated by the UGC. Among the objectives of the university are to train manpower for the development of the country ; to make special provision for integrated courses in humanities social sciences, science and technology in its educational programs and to pay special attention to the improvement of social and economic conditions and welfare of the people, their intellectual academic and cultural development. University offers a unique course namely Community Lab to students where students interact with village Communities, Collect socio-economic data and prepare reports which is in consonance with a step towards realizing Mahatma Gandhi's dream of making rural India the focal point of holistic development .

The objective of the partnership is to fulfill a common vision of collaborative academic activity. Promotion of education and employability of unemployed rural and tribal youth belonging to Below Poverty Line (BPL) families will also be a top priority.

In addition to the above objectives, both the parties are desirous of establishing a working relationship to provide guidance and research for building resilient rural India. The first and second parties will collaboratively conduct the workshops with shared faculty and materials resources as mutually agreed upon.

**The Functions and Responsibilities of the First Party (NCRI) are as follows:**

1. The first party will run a set of workshops collaboratively in line with the workshop framework and as per the instructions agreed upon.
2. The first party shall be responsible for all clearances related to workshops that may be required from time to time including programme content and cost.
3. The first party shall arrange Stationery, Participant badges, Workshop Participation Certificates and workshop related material to the participants.
4. The first party shall make payment of TA/DA to each participant, catering and other logistics on mutually agreed terms by the second party from the funds released by the first party.
5. The first party team expenses shall be borne by NCRI. The team will function under the overall supervision and guidance of the NCRI in all matters relating to workshop content management, communication and documentation.
6. The programme administration (design, communication and management) costs @Rs 40,000 for 2 day programme will be paid by the first party. This includes the cost of reporting the workshop proceedings in one hard and one soft copy.

**The Functions and Responsibilities of the Second Party (CUHP) are as follows:**

1. The second party owns the campus (buildings) at TAB Shahpur, Dharamshala, Himachal Pradesh where the workshops will take place and also at other locations mutually decided from time to time at different places in the State.

2. The second party will make available their existing infrastructure i.e, Classrooms, Hostel and Guest House, Library, Computers, Printer, LCD Projectors, PAS, Chairs, Tables, etc for the workshops to be conducted in collaboration with the first party.
3. Both parties also agree that the first party can bring and return relevant workshop material as and when required.
4. The second party will take care of the maintenance and upkeep of the building i.e. housekeeping, security, sanitation, fire extinguishers, water, electricity, furniture, any repairs and (chairs, tables, almirahs, white boards, fans, and light fittings) and employee expenses for those involved in the above tasks.
5. The second party shall enable the first party to use the premises as agreed to and required, library, computer labs and plan and run workshop programs.
6. One Research Scholar who will be called as NCRI Fellow pursuing either M Phil (1year) or Ph D (4 years) will be selected for scholarship/fellowship every year for financial support by NCRI. The aspects of research mutually identified by both parties in relevant aspects of rural studies will be announced before the admission and selection process is initiated annually. The aspects of research mutually identified by both parties in relevant aspects of rural studies related to any programs run by various departments and centres of the university and will be announced before the admission and selection process is initiated annually. The amount of fellowship and process of reporting will be on the lines of UGC Junior Research Fellowship. The scholar selected shall publish 2 articles in every academic year, during the period of scholarship, in reputed journals focusing on rural issues.
7. The second party shall maintain the records like participant database which shall be shared with the first party on programme basis.
8. The second party shall provide the facilities amenities to the participants ?
9. The second party shall facilitate the first party to take the photographs and make films and documentaries of the workshops.



10. The second party shall procure the workshop resource materials and books in consultation with first party on the aspects found relevant by both parties for which funds will be provided by the first party.
11. The second party shall take the responsibility of the participant discipline during the workshop hours and in the hostels.
12. The second party shall arrange the display of workshop announcement/banner/poster and information in CUHP Campus for the workshops (Name of both the parties will be mentioned).
13. The programme administration will be done by the second party such as design, communication and management. The cost of Rs 40,000 for 2 day programme will be borne by the first party this includes the cost of reporting the workshop proceedings in one hard and one soft copy.
14. The honorarium for resource persons, documentation, travel, food and accommodation expenses of the participants from outside CUHP will be borne by the first party and arranged by the second party separately for each programme.

**Payment Process:**

The payments, as mutually agreed upon, shall be made within 15 days of submission of report through RTGS/NEFT by NCRI.

For effective implementation and monitoring of the scheme as envisaged in the MoU, Chairman NCRI or his nominee will be the Nodal Officer on behalf of the "FIRST PARTY" & Vice Chancellor CUHP, Himachal Pradesh or Nominee will be the Nodal Officer on behalf of the "SECOND PARTY".

Unless otherwise terminated by written Agreement between the parties, or in terms of this agreement, this agreement will remain in force by the end of the academic year 2019-20 and may be renewed by mutual consent.

Notwithstanding the provision of above clause, either party shall be entitled to terminate this Agreement immediately and without further notice in the event of the other party



committing a material breach of the terms and conditions of this Agreement, and failing to remedy such breach within 60 (Sixty) days after receipt of written notice calling upon such party to remedy the breach complaint. In WITNESS WHEREOF, the parties hereto have caused this agreement to be made in English and executed by their respective duly authorized representatives of the day and the year first written.

Both the parties will facilitate wider dissemination of this collaborative initiative and its impacts. The Certification, all signage, press releases and communication will include the names of both the parties. All disputes are subject to jurisdiction of the court at Hyderabad.

This Memorandum of Understanding (MOU) will be effective from 20/12/2016 to end of academic year 2019-20 and renewable with the mutual consent of both the parties for a similar period.

For




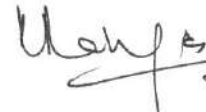

Name: Dr. W. G. Prashanna Kumar  
NATIONAL COUNCIL OF RURAL INSTITUTES  
Hyderabad  
Designation: Chairman, NCRI  
Date with seal: 20/12/16

For



Name: प्रो. कुलदीप सिंह  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
Dharmashala Himachal Pradesh  
Designation: Vice Chancellor,  
Date with seal:

In The Presence of :

1. Prof. Yoginder Veera, PVC, CUHP 
2. Brig. J. C. Rangra, YSM (R) 
3. Prof. I. V. Malhan 



# APPLICATION FORM

member

(Please fill in block letters)

1. Name of the organisation / company
2. Name and designation of Chief Executive
3. Name and designation of principal representative for liaison with CII

(If you have other offices in India/abroad, please attach their complete addresses)

4. Address

Central University of Himachal Pradesh, Chamba  
 Prof. Yoginder Singh Verma, Pro-Vice Chancellor  
 Dr. Mohinder Singh, Dept. of A&E, S&MS,  
 CUHP, TAB-Shahpur, Kangra (HP)  
 Phone: 01892-237286 Fax: 01892-237286  
 Email: Singhates1975@gmail.com Website: www.cuhimachal.org  
 TAB, Shahpur, Kangra, H.P. 176206  
 01892-237286 Fax-1892 229331

5. Type (indicate) ☒
6. Sector (indicate) ☒  
 (Public means a State/Central Government undertaking)

- ☐ Manufacturing ☐ Service ☐ Foreign ☐ Multinational  
☒ Public Central ☐ Public State ☐ Public Limited ☐ Private  
☐ Joint Venture (% of foreign holdings) \_\_\_\_\_  
 (Please name the foreign partners) \_\_\_\_\_

7. Scale (indicate) ☒
8. Indicate the CII Division(s) you would like to join
9. Company data

☐ Large ☐ Medium ☐ Small  
 North Region, Chandigarh

- (a) Capital employed  
 - Investment in plant & machinery for Mfg companies  
 - Investment in Equipments for Services companies
- (b) Sales turnover (last two years)

Rs. NA  
 Rs. \_\_\_\_\_ in year \_\_\_\_\_  
 Rs. \_\_\_\_\_ in year \_\_\_\_\_  
 Permanent \_\_\_\_\_ Temporary \_\_\_\_\_  
 Product Description \_\_\_\_\_ Export to countries \_\_\_\_\_  
 Product Description \_\_\_\_\_ Import from countries \_\_\_\_\_  
 Standard \_\_\_\_\_ Collaboration \_\_\_\_\_

- (c) Total no. of Employees
- (d) Export
- (e) Import
- (f) Year Established

10. Major Activities

- (a) Manufacturer of
- (b) Agents of
- (c) Services rendered

Education (Higher)

11. How do you expect to benefit from CII membership? (Attach separate sheet, if necessary)

12. Payment details

Our cheque/DD No 722179 dated 11.1.16 for Rs. 18,320/- Drawn on Canara Bank favouring  
 "Confederation of Indian Industry" is enclosed.  
 (a) Entrance fee: Rs. 1000/- (b) Membership fee: Rs. 15,000/-

- Encl:
1. Latest Annual Report / Balance sheet / Audited Accounts
  3. Registration certificate as per MSME Act or a certification by the auditors / authority
  5. List of Key Management Personnel

2. Company Profile
4. Note on your expectations from CII
6. DD / Cheque

We hereby give our consent to abide by the Rules and Regulations of the Confederation.

Signature *[Signature]*

Name Prof. Yoginder Singh Verma

Date 21.01.2016

Designation Pro Vice Chancellor, CUHP  
 CUHP Dean - S&MS

FOR CII OFFICE USE ONLY

RC Meeting Approval Date: \_\_\_\_\_

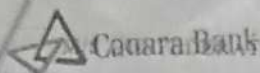
MEMBER CODE ☐ ER

☐ NR

☐ SR

☐ WR





THEER REGION

IN DEMAND PAY  
EIGHTEEN THOUSANDS THREE HUNDRED AND TWENTY ONLY

Rupees

For Value Received

₹ 18320.00

INDICATED 18320

For Canara Bank

Canara Bank

CHANDIGARH ACCOUNTS SECTION (1992) \*

CTDN B  
BRANCH BRANCH D. P. CODE

11722179 0000150001 453903 16

Dear Sir,  
We wish to apply for CII Membership. The Application Form, duly completed, is submitted along with the relevant supporting documents.  
Kindly acknowledge receipt of the above and confirm our Membership.

Yours faithfully,

*[Signature]*  
(Signature)

Date 21.01.2016

Name	Prof. Yoginder Singh Verma
Designation	Pro-Vice Chancellor, & Dean SBMS
Organisation	Central University of Himachal Pradesh
Address	CUMP, TAB- Chahpur, Kangra (HP) 176206

N.B. This application should be proposed and seconded by two existing CII members (Authorised Signatory with Company stamp).

Proposed by

Signature

Name

Designation

Company

City

Seconded by

Signature

Name

Designation

Company





## Confederation of Indian Industry

### TAX INVOICE(Original for Recipient)

INVOICE NO: 02MI000046NR2018		INVOICE DATE: 02-Jan-2018	
Bill To: <b>CENTRAL UNIVERSITY OF HIMACHAL PRADESH</b>  TAB, SHAHPUR, KANGRA 176 206  State Name and Code: GSTIN/Unique ID Number:		<b>CONFEDERATION OF INDIAN INDUSTRY</b>  No.105, Directorate of Industries, Udyog Bhawan, Bemloe Shimla-171002 Himachal Pradesh India  T : +91-172-2607228, 2605868, 5022522 F : +91-172-2606259, 2614974 E : ciiin@cii.in W : www.cii.in	
<b>PARTICULARS</b>		<b>TOTAL AMOUNT</b>	
Institutional Membership SAC Code: 999599 Membership Subscription for 2018 CII(Northern Region) Period 1- Jan- 2018 to 31-Dec- 2018		15,000.00	
Taxable Value		15,000.00	
CGST @9 %		1,350.00	
SGST @9 %		1,350.00	
Place of Supply : Himachal Pradesh Place of Delivery : Himachal Pradesh		₹ 17,700.00	
<b>Total</b>		<b>E.&amp;O.E.</b>	
Amount Chargeable (In Words): INR : Seventeen Thousand Seven Hundred Rupees Only Payment to be cleared within 30 days of invoice date. Please pay by cheque/ demand draft in favour of "CONFEDERATION OF INDIAN INDUSTRY" payable at Chandigarh and forward it to our address above. Bank details for remittance: Account Holder Name: CONFEDERATION OF INDIAN INDUSTRY Bank Name and Address: ICICI BANK LTD , SCO 145 SECTOR 28 D, CHANDIGARH-160002  Bank Account Number: 096405000420 IFSC Code: ICIC0000964  GSTIN: 02AAATC0188R1ZL Whether Tax payable under Reverse Charge: No  Type of account : CURRENT ACCOUNT MICR: 160229011			

This is a computer generated Invoice and do not require any stamp or signature

Entered in SBMS, CSR, vide P No 194  
88 No - 06

verified by Dr. Mahendra Singh

Certificate

This is to certify that Centre for Monitoring Indian Economy (CMIE) is providing Data of ProwessIQ database for the academic and research work, conducting various training sessions for the faculty, RD and PG students, of Central University of Himachal Pradesh under the Subscription contract.



Sudarshan Negi

Business Relationship Manager



# **Prof. (Dr.) Mohinder Singh**

Professor and Dean

School of Commerce and Management Studies

Dhauladhar Parisar-II, Central University of Himachal Pradesh, Dharamshala, Distt Kangra (HP)-176215

09418459015, 07018361650 /singh.mohinder@hpcu.ac.in

**(प्रोफ.(डॉ.) मोहिंदर सिंह)**

हिमाचल प्रदेश केंद्रीय विश्वविद्यालय व्यवसाय स्कूल

बाणिज्य एवं प्रबंधन अध्ययन विद्यापीठ

धौलाधार परिसर - II, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, धर्मशाला, काँगड़ा (हि. प्र.)-१७६२१५

----- Forwarded message -----

From: **mohinder singh** <singhatlas1973@gmail.com>

Date: Mon, 2 May 2016 at 12:02

Subject: Re: Session on CMIE Database services.

To: manas gupta <mgupta@cmie.com>

Dear Sir

As discussed we have planned your presentation on May 4, 2016 or on May 9, 2016. Please make necessary adjustments in your schedule to conduct one day training program on Prowess and IO.

Thanks

With Regards

**Dr Mohinder Singh**

Department of Accounting and Finance,

School of Business and Management studies,

Central University of Himachal Pradesh, (HP)

TAB Shahpur, Distt Kangra (HP)-176206

911892237287 Ext. 304, Fax 911892237286, 09418459015, 09816859015

singhatlas1973@gmail.com

On Mon, May 2, 2016 at 10:55 AM, manas gupta <mgupta@cmie.com> wrote:

Sir,

As per our telecon please suggest date and time for a session on CMIE Database services.

Thanks & Regards,

Manas Gupta

Business Executive

Centre for Monitoring India Economy Pvt. Ltd

906, Kailash Building, K.G. Marg

New Delhi- 110001

Tel: 011-30480009

Mobile: +91 9599215218

**Prof. (Dr.) Mohinder Singh**

Professor and Dean

School of Commerce and Management Studies

Dhauladhar Parisar-II, Central University of Himachal Pradesh, Dharamshala, Distt Kangra (HP)-176215

09418459015, 07018361650 /singh.mohinder@hpcu.ac.in

**(प्रोफ.(डॉ.) मोहिंदर सिंह)**

हिमाचल प्रदेश केंद्रीय विश्वविद्यालय व्यवसाय स्कूल

बाणिज्य एवं प्रबंधन अध्ययन विद्यापीठ

धौलाधार परिसर - II, हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, धर्मशाला, काँगड़ा (हि. प्र.)-१७६२१५

----- Forwarded message -----

From: **manas gupta** <mgupta@cmie.com>

Date: Wed, 4 May 2016 at 16:07

Subject: Fwd: Session on CMIE Database services.

To: <singhatlas1973@gmail.com>

Dear Dr. Mohinder Singh,

Please copy and save the attached files to extend validity of CMIE databases up to May 11th, 2016.

---

**From:** "manas gupta" <mgupta@cmie.com>

**To:** "singhatlas1973" <singhatlas1973@gmail.com> ,

**Sent:** Wednesday, 4 May, 2016 12:22:25

**Subject:** Re: Session on CMIE Database services.

Dear Sir,

I will be there on May 09th, 2016. Please arrange a system with internet facility.

---

**From:** "singhatlas1973" <singhatlas1973@gmail.com>

**To:** "manas gupta" <mgupta@cmie.com>

**Sent:** Monday, 2 May, 2016 12:02:02

**Subject:** Re: Session on CMIE Database services.

[Quoted text hidden]

--

Thanks & Regards,

Manas Gupta

Business Executive

Centre for Monitoring India Economy Pvt. Ltd

906, Kailash Building, K.G. Marg

New Delhi- 110001

Tel: 011-30480009

Mobile: +91 9599215218

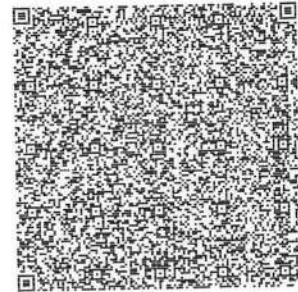


## Tax Invoice

(Original for Recipient)

 March 28, 2023  
 Invoice No: 13695

Kind Attn: CENTRAL UNIVERSITY OF  
 HIMACHAL PRADESH  
 CENTRAL UNIVERSITY OF HIMACHAL  
 PRADESH  
 Post Box no 21  
 Dharamshala  
 Dharamsala - 176215  
 Himachal Pradesh - India  
 Client GSTIN: 02PTLC12022D2DI  
 Ack No.: 122316165418132, Ack Date: 28-03-2023 11:45:00  
 IRN: e787c4dbe7ac204d4664cdb161ee8e239d365e40394847305b3c7bcd2957798f



	Rate(Rs.)	Qty.	Amount(Rs.)
Subscription for the period: 26 Sep 2022 to 26 Sep 2023			
(1) Prowess for Interactive Querying (IP)	2,70,000	1	2,70,000
Sub Total			2,70,000
Less: Discount 20.0000%			54,000
Net Amount			2,16,000
Add: IGST(18.00%)			38,880
<b>Total (Two Lakhs Fifty-four Thousand Eight Hundred and Eighty)</b>			<b>2,54,880</b>
Amount is rounded off to the nearest Rupee.			E.&O.E.

- Draw Draft/Cheque in favour of Centre for Monitoring Indian Economy Pvt. Ltd.
- For electronic transfer of funds use A/C No: 004010200025665, Axis Bank Ltd.: For domestic payments, IFSC Code: UTIB0000004, RTGS IFSC Code: UTIB0000004.
- CMIE PAN No: AAACC1519P, GSTIN: 27AAACC1519P1ZJ, ARN: AA270317186167W
- Goods & service tax charged on service(s) under category Licensing services for the right to use computer software and databases & SAC: 997331
- Subscription period begins from the first issuance of a login.
- Access to Service(s) is subject to the clearance of the full payment towards the Service(s).
- Payment for the service(s) mentioned above implies acceptance of each service's "Usage Agreement" titled "Agreement for use of CMIE's services" signed between CMIE and your organisation.
- Note that the terms and conditions set in the "Usage Agreement" titled "Agreement for use of CMIE's services" available on each service's website are the only terms of use for that service. They contain the entire Agreement and supercede all previous commitments or agreements regarding that service.
- Payment term for this invoice is 21 days from the date of invoice.
- This is a computer generated invoice and does not require any signature.

  
 Sudarshan Singh Negi  
 Business Relationship Manager, Sales  
 M: 917053500109

RECEIPT

28/03/2023  
Receipt No : 22937

CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH  
Post Box no 21  
Dharamshala  
Dharamsala - 176215  
Himachal Pradesh - India

Received with thanks from CENTRAL UNIVERSITY OF HIMACHAL PRADESH a sum of Rs. 2,50,560  
(Rs. Two Lakhs Fifty Thousand Five Hundred and Sixty), vide TT transaction no. RBI0872375535572  
dated 27/03/2023 towards Invoice No : 13695 having total amount Rs. 2,54,880.

CMIE PAN No: AAACC1519P, GSTIN: 27AAACC1519P1ZJ, ARN: AA270317186167W

Note: This is system generated receipt and requires no signature.





MoU

**MEMORANDUM OF UNDERSTANDING  
(TRI-PARTITE MOU)**

**BETWEEN**

**CENTRAL UNIVERSITY OF HIMACHAL PRADESH**

**DEPARTMENT OF HIGHER EDUCATION,  
MINISTRY OF HUMAN RESOURCE DEVELOPMENT  
GOVERNMENT OF INDIA,  
NEW DELHI**

**AND**

**UNIVERSITY GRANTS COMMISSION  
BAHADUR SHAH ZAFAR MARG  
NEW DELHI**

**FOR**

**2019-2020**

**MEMORANDUM OF UNDERSTANDING between Central University of Himachal Pradesh, Ministry of Human Resource Development (MHRD) and University Grants Commission (UGC) for the year 2019-20.**

This is a tri-Partite Memorandum of Understanding (MoU) being signed among Ministry of Human Resource Development (MHRD), University Grants Commission (UGC)

and

the third party, Central University of Himachal Pradesh, (hereinafter referred to as University)

With the objective to assess and facilitate the performance of the University on selected key parameters against the targets set so as to incrementally improve the performance of the University.

**PART 1 VISION, MISSION AND OBJECTIVES**

**1.1 Vision**

The vision of the University is to establish itself as centre of excellence with social commitment by integrating modern, scientific and technological knowledge and skills with the basic human ethics and values. The University shall set forth a model in teaching, research and personality development and create skilled human resource with a sense of responsiveness towards society, the country and the world at large.

**1.2 Mission**

The mission of the University is to provide access to quality education and create opportunities for encouraging students to effectively engage with emerging innovations and technological challenges, international competitiveness and leadership in through as well as in action. The University is also conscious of the importance of developing entrepreneurial and scholastic abilities for creation of knowledge, wealth and prosperity for the country as well as peace and happiness for human beings.

**1.3 Objectives (as defined in the Central Universities Act, 2009)**

- 1.3.1 To disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit;
- 1.3.2 To make special provisions for integrated courses in humanities, social sciences, science and technology in its educational programmes;
- 1.3.3 To take appropriate measures for promoting innovations in teaching-learning process and inter-disciplinary studies and research;



- 1.3.4 To educate and train manpower for the development of the country;
- 1.3.5 To establish linkages with industries for promotion of science and technology;
- 1.3.6 To pay special attention to the improvement of the social and economic conditions and welfare of the people, their intellectual, academic and cultural development.

## **PART 2      EXERCISE OF ENHANCED AUTONOMY AND DELEGATION OF FINANCIAL POWERS**

- 2.1 All such powers are available to the Executive Council (EC) of the University as are provided for by the Act and Statutes as well as ordinances framed thereunder. The EC shall not use its power to lay down any policy that has an overriding or overruling impact on the University's Act.
- 2.2 The University shall endeavour to ensure gradual annual increase in the user charges / fees charged by it for its various courses and facilities.
- 2.3 The University shall strictly follow the General Financial Rules, 2017 issued by Department of Expenditure, Ministry of Finance, Government of India in all its financial transactions including procurement of goods and services.
- 2.4 The University shall adopt the Public Financial Management System (PFMS) for receipt of all funds from UGC / Government of India and make all payments through the PFMS till the last mile as far as possible.
- 2.5 The University shall send to the MHRD and UGC any information required by it to satisfy any requirement related to Parliamentary Matters, RTI, Court Cases, Public Grievances or inputs for policy decisions to be taken by the UGC/MHRD within reasonable time specified by the UGC/MHRD.
- 2.6 In addition to the above, such decisions which create financial liabilities on UGC/ MHRD shall be taken up by the University with the prior approval of UGC / MHRD.
- 2.7. In fulfilment of its obligations under the MoU, the University shall undertake to achieve certain level of performance for the year 2019-20. The performance will be assessed based on the information provided by the University as per the criteria listed in the **Annexure** enclosed.

## **PART 3      FACILITATION /ASSISTANCE FROM THE GOVERNMENT/UGC**

- 3.1. The University has made the commitment of Performance Evaluation Targets based on certain assumptions in respect of release of grants from Government/UGC and raising funds from other resources, including loan from HEFA for expansion of infrastructural facilities, which has a direct bearing on the performance of the University committed in this MoU.


- 3.2. UGC/MHRD will extend any other facilitation/assistance like taking up the matters with the State Government concerned or any Ministry/ Department of the Union Government, as and when required.

**PART 4 ACTION PLAN FOR IMPLEMENTATION AND MONITORING OF THE MoU**


- 4.1 Performance evaluation against these MoU parameters shall be carried out every six months and monitored by the University.
- 4.2 The performance evaluation so carried out shall be submitted to the EC of the University during its meetings for consideration after which the same shall be sent to UGC along with its recommendations.
- 4.3 A joint review by the University, UGC and MHRD shall be carried out within 180 days of completion of the financial year. The result of the joint review shall be placed before the EC and hosted prominently on the website of the University.

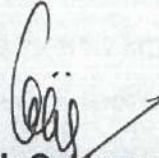
**PART 5 REQUIREMENT FROM THE UGC AND MHRD**

The University shall submit detailed proposal along with detailed justifications to UGC/MHRD, duly approved and recommended by its Finance Committee/EC. UGC/MHRD may liberally consider release of funds as per given justifications. Besides, UGC/MHRD will also provide administrative support and permissions wherever required as per the provisions of the Central Universities Act, 2009.

 (Kuldeep Chand Agnihotri)  
Vice-Chancellor  
Central University of Himachal Pradesh

डॉ. कुलदीप चन्द अग्निहोत्री  
कुलपति  
हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय  
धर्मशाला जिला काँगड़ा (हि.प्र.)-176215

 (Prof. Rajrishi Jain)  
Secretary  
University Grants Commission

 (Girish C. Hosur)  
Joint Secretary (CU)  
Ministry of Human Resource Development



**MOU BETWEEN CENTRAL UNIVERSITIES, UGC AND MHRD**  
**PERFORMANCE EVALUATION PARAMETER, OUTPUT TARGETS AND PROGRAMME OF WORK**

Sr No.	Performance Parameter	2018-19 (Number)	Target 2019-2020 (Number)	Actual 2019-2020	% target achieved	Remarks
1	<b>Access: Student in-take</b>					
	UG	119	242			
	PG	576	792			
	Ph. D	40	50			
	(Weightage - 1.0*UG+3*Ph. D)					
2	<b>Equity and Diversity:</b>					
	(i) %age of Women Students	51.83%	55%			
	(ii) %age of Students from other State	32%	35%			
	(iii) %age International Students	0	2			
3	<b>Quality: Strengthening Faculty</b>					
	(i) Student-Teacher ratio	19:01	17:01			
	(ii) %age of vacancy (permanent faculty/sanctioned strength)	41%	20%			
	(iii) Visiting faculty from other universities National/ International	0	2			
	(iv) Visiting faculty from the University to other Universities (National/ International)	0	5			
	(v) Enrolment under ARPIT programme for teaching faculty of University	0	2			
	(vi) % of vacancy in Non-teaching faculty.	55%	20%			
4	<b>Academic Outcomes:</b>					
	(i) Number of students placed through Campus interviews for employment	61	85			
	(ii) Number of Students qualified for NET/GATE/SET/SLET/Ph.D	52	70			
	(iii) No. of Teaching days	183	183			
5	<b>A. Research:</b>					
	(i) Number of papers published in UGC listed journals (Peer-Reviewed Journals)	91	133			
	(ii) Research Projects Sanctioned/Complete	8/6	15/5			
	(iii) Participation of faculty in IMPRESS, IMPRINT, SPARC, STARS etc and DSF Funding Programme	—	2			
	<b>B. Others</b>					
	(i) Books/Chapters	64	70			
	(ii) Policy Reports	5	6			
	(iii) Invited for lectures/seminars (only	5	7			

	foreign universities)					
6	(i) Amount of Research Grant (Extra-mural funding) (Rs. In Crores).	3.814	4.396			
	(ii) Consultancy	0	0			
7	(i) Patents	0	2			
	(a) filled	0	0			
	(b) awarded	0	0			
	(ii) Exceptional International Awards/Honours	1	1			
8	Co-and Extra-curricular Activities( Sports, extension activities etc.	20	25			
9	<b>Governance</b>					
	(i) Digitalization of Administration (list the areas – Students enrolment, Administration etc.)	80%	100%			
	(ii) Cashless Transaction (list the items such as students fees, salary etc Semester Fee Miscellaneous Fee Vendor Payment	80%	100%			
	(iii) Setting up of Grievance Redressal Mechanism (both online and offline)	50%	100%			
10	<b>Budget</b>					
	(i) %age utilization of funds received from : UGC	52.46%	100%			
	(ii) Other sources	0	50 lakhs			
11	<b>Finance</b>					
	(i) Internal resources to total budget (%)	3.10%	5%			
	(ii) Corpus Funds (in crores)	0	2			
	(iii) Support from Alumni	Nil	Nil			
12	<b>Ranking</b>					
	(i) NAAC**	Grade 'B ++' (2.78)	A			
	(ii) NIRF Ranking (overall)	Grade 'B ++' (2.78)	In top 100			
	(iii) NIRF Ranking (Discipline)	Nil	In top 100			
	(iv) Times Higher Education (THE)/QS World/BRICS/Asia Ranking, as applicable	Nil	Nil			
13	<b>Contribution to the Local Society</b>					
	<b>(i) Activities Organized</b>					
	a. Participation in Unnat Bharat Abhiyan	2	3			
	(i) Organized public meetings in the five adopted villages	4	6			
	(ii) Organized meetings related to Swachhta Abhiyan	4	4			
	(iii) Meetings held with University volunteers and University	2	5			



	members for Swachhta and Energy savings					
	b. Adoption of Village, Blood Donation Camp, Legal Aid Camps etc.	5	5			
	C. Amount Spent	1 lakh	1 lakh			
14	<b>Status of Statutory positions:</b>					
	(i) Pro Vice Chancellor	Filled	Filled	Filled		
	(ii) Registrar	Filled	Vacant	To be filled		
	(iii) Finance Officer	Vacant	Vacant	To be filled		
	(iv) Controller of Exams	Filled	Filled	Filled		
	(v) Librarian	Vacant	Vacant	To be filled		

**Note:** i) Programme of Action for each item (1 to 14) as applicable may be given in a separate sheet  
(ii) University may add new areas of digitalization in point no 9 which they have done during the year of the Report.

\* Out of 9, 7 existing are (a to g) will be remaining 2 (h & i) will be completed.

\*\* Efforts made during the year for increasing rank /score in the next cycle (attached extra page)

#### **Grading and overall grading**

<b>Achievement (in%)</b>	<b>Grade</b>	<b>Score</b>
$\geq 90\%$	Outstanding	6
$\geq 70\%$ but $< 89\%$	Excellent	5
$\geq 60\%$ but $< 69\%$	Very Good	4
$\geq 50\%$ but $< 59\%$	Good	3
$\geq 40\%$ but $< 49\%$	Average	2
$\geq 30\%$ but $< 39\%$	Fair	1
$\leq 29\%$	Poor	0

Average score =  $\sum S/6$  and the Grade is assigned as per the scale given above.

# MOU BETWEEN CENTRAL UNIVERSITIES,UGC AND MHRD

## Program of Action for Item No. 01 to 14

S.No	Performance Parameter	Programme of Action
1.	Access: Student in-take UG (B. Tech) PG Ph. D (Weightage - 1.0*UG+3*Ph. D)	Presently the University do not have adequate Hostel facilities to accommodate the students from outside the district and state. Once the hostel facilities will be developed, the University shall attract more students. The University will take all the necessary steps to fill the seats available.
2.	Equity and Diversity: (i) %age of Women Students (ii) %age of Students from other State (iii) %age International Students	The university is already taking all the measures to ensure that more women students, students from other states and countries shall join the university.
3.	Quality: Strengthening Faculty (iv) Student-Teacher ratio (ii) %age of filled vacancy (permanent faculty/sanctioned strength) (iii) Visiting faculty from other universities (National) (iv) Visiting faculty from other universities (International)	All the vacant teaching positions will be filled at the earliest to strengthen the student-teacher ratio.
4.	Academic Outcomes: (i) Number of students placed through Campus interviews (ii) Number of Students qualified for NET/SET/SLET/Ph. D (iii) Number of students who cleared competitive exams – civil services, judiciary etc. (iv) Other	The University has received a project from MHRD to establish Equal Opportunity Cell that conducts coaching classes for entry to civil Services and other competitive exams, NET-JRF coaching and discipline centric remedial classes. The University has recently started inviting industries at its campus and the figure is likely to increase at faster pace in the future. A good number of students are placed in various reputed organizations through off campus interviews.
5.	<b>A. Research:</b> (i) Number of papers published in UGC listed journals (Peer-Reviewed Journals) (ii) Research Projects Sanctioned (iii) Research Projects completed <b>B. Other</b> (i) Books/Chapters (ii) Policy Reports (iii) Invited for lectures/seminars (only foreign universities)	Recruitment of quality faculty against the vacant teaching posts shall be done on priority basis.  Promoting INSPIRE faculty to join the University. <b>Promotional measures for Research:</b> The University Library has subscribed to DELNET membership for Inter-Library Loan. It also offers access to research papers, Journals and e-books through E-Shodh Sindhu. Furthermore Library is conducting information literacy programme to access e-resources online. To ensure quality research in the University ,procurement of better plagiarism software has been initiated. The University is proceeding towards Library Management Open Source Software KOHA.  Establishment of CISED and Industry Interface Cell.

6.	(i) Amount of Research Grant (Extra-mural funding) (Rs. In Crores). (ii) Consultancy	The university is encouraging faculty to apply for research grants from both public and private funding agencies. The faculty members are encouraged to provide quality consultancy services to public and private reputed institutions, firms and organizations.
7.	(i) Patents (a) filled (b) awarded (ii) Exceptional International Awards/Honours	The faculty members are encouraged to file patents and do exceptional research works in their respective field.
8.	Co-and Extra-curricular Activities (Sports, extension activities etc.)	The following groups for Promotion of Art, Culture and Heritage have been constituted - (i) Centre for community Development and Unnat Bharat Abhiyan Cell (ii) Youth Red Cross (iii) National Service Scheme (iv) Book Reading Club (v) Movie Club
9.	<b>Governance</b> (i) Digitalization of Administration a) Adoption of PFMS portal b) Online admission process c) Online recruitment application process d) Cashless Transaction (Fee Collection) e) Online financial transaction f) Online Attendance g) Online Leave record h) Exams reform - processing of result i) Dynamic website	The University is in the process of digitalizing administrative transactions. The University has already adopted the mechanism to ensure cashless transactions. The University was 1 <sup>st</sup> among the newly established Central Universities to register voluntarily under Vittiya Saksharta Abhiyan (VISAKA) The university is in the process of adopting complete office and academic automation.
10.	<b>Finance and Expenditure</b> (i) %age utilization of funds received from : UGC (ii) Other sources	Every care shall be taken to utilize the grants received well in time.
11.	<b>Finance</b> (i) Internal resources to total budget (%) (ii) Corpus Funds (in crores) (iii) Support from Alumni	To meet the financial requirements the university will effect gradually nominal hike in fee. The alumni association will be strengthen in coming days to seek financial and moral support.
12.	(i) NIRF Ranking (overall) (ii) NIRF Ranking (Discipline) (iii) Times Higher Education (THE)/QS World/BRICS/Asia Ranking, as applicable (iv) NAAC*	Qualitative measures are being adopted in Academic, Research, Extension and Outreach activities to ensure the University's place among top Universities.
13.	<b>Contribution to the Local Society Activities Organized</b> a. Centre for Community Development and Unnat Bharat Abhiyan Cell b. Youth Red Cross c. National Service Scheme d. Legal Aid Clinic	Centre for Community Development and Unnat Bharat Abhiyan Cell, Youth Red Cross, National Service Scheme, Legal Aid Clinic and other Organs of the University are committed to undertake the social outreach initiatives with rigor and enthusiasm.
14.	<b>Status of Statutory positions:</b>	
	1. Pro Vice Chancellor	Filled
	2. Registrar( Filled/Vacant	To be filled
	3. Finance Officer	To be filled
	4. Controller of Examinations	Filled
	5. Librarian	Post to be re- advertised







हिमाचल प्रदेश HIMACHAL PRADESH

A 407268

### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) hereafter referred to as MoU is signed on the *seventeenth* day of *January* in the year *2018*

by

CENTRAL UNIVERSITY OF HIMACHAL PRADESH

and

THE LIBRARY OF TIBETAN WORKS AND ARCHIVES

for the establishment of academic exchange program

Central University of Himachal Pradesh, located at District Kangra, Himachal Pradesh, India hereinafter referred to as **CUHP**, represented by its Vice-Chancellor, Professor Kuldip Chand Agnihotri, represented through **CUHP** Registrar, who has been duly authorized in this regard by virtue of Act, Statute and Ordinances. On the other hand the **Library of Tibetan Works and Archives**, situated at Gangchen Kyishong, Dharamsala, District Kangra, Himachal Pradesh, India hereinafter referred to as **LTWA**, represented by its Director, Venerable Geshe Lhakdor.

MoU/CUHP/LTWA/2018



**WHEREAS, CUHP and LTWA** realise the mutual benefits of joining efforts to achieve the purposes set forth below.

**WHEREAS, CUHP** strives for inclusive access to excellence in higher education and research to emerge as a premier university of the country at par with the best universities of the world in terms of programme offerings, curricular framework, pedagogy, research, publications and integration with the world of work.

**WHEREAS, LTWA** strives to provide a comprehensive Tibetan study resource centre and to provide an environment that encourages research and an exchange of knowledge and experience between scholars, colleges and students from various disciplines.

**THEREFORE,** the parties hereto have decided to enter into this MoU pursuant to the following clauses and conditions:

**CLAUSE ONE - PURPOSE**

The MoU entered into hereunder shall promote, develop and bring about educational-scientific cooperation, in matters of reciprocal interest of the signatory parties, which shall in due time be defined in a specific document to be signed by the parties.

**CLAUSE TWO - FORM OF EXECUTION**

For the purpose of this MoU, the parties hereby commit themselves, within their respective scope of responsibilities, in providing technical, administrative, financial and operational support for the activities that shall be developed, in particular:

MoU/CUHP/LTWA/2018

*(Signature)*





- a) Promoting and fostering exchange programs, courses, seminars, internships and other activities of common interest, in accordance with the possibilities of each of the convening parties.
- b) Productively carrying out educational programmes and activities for participants from either party, in accordance with the potential of either of the programme organizing parties.
- c) Cooperating in planning and implementing exchange programmes and activities of common and reciprocal interest.
- d) In conclusion of any programme and activity, parties shall jointly prepare a consolidated report of the results achieved from programme and activity convened, pursuant to this MoU.
- e) The parties in this matter shall appoint a responsible programme coordinator, who shall carry out the programmes and activities and manage the intellectual properties for the partnerships established from the MoU.

**CLAUSE THREE - OBLIGATIONS OF THE PARTIES**

The parties shall further commit themselves to:

- a) Accepting, complying with, and determining that participants also comply with, all legislation, norms, and technical and administrative instructions of both the parties.
- b) Contributing, by carrying out the actions and fulfilling the objectives set forth in the Programmes and activities, to the better performance and result of this MoU.
- c) Ensuring the timely execution of the Programmes and activities.



MoU/CUHP/LTWA/2018

- d) Integrate physical and human resources necessary for the better performance of the programmes and activities.
- e) Fully complying with the participants' statutory and normative purposes, so as to safeguard their rights and prerogatives.
- f) Informing all irregularities which might occur during the programme's development and execution to the programme coordinator on a regular basis.
- g) Ensuring the coordinator and other persons appointed for the programme, full access to inspect the development of the programme.

#### CLAUSE FOUR - FINANCIAL RESOURCES

Expenses resulting from this MoU towards organising programme or activity shall be borne jointly by the parties. Written consents from both the parties for each programme or activity proposed is required where all the terms and conditions of the financial expenses must also be mentioned clearly.

#### CLAUSE FIVE - DURATION

This Memorandum of Understanding shall be effective for five years as of the date of its signature and may be extended upon amendment and agreed upon by both the parties.

#### CLAUSE SIX - TERMINATION

This MoU may be terminated upon agreement by the parties or unilaterally by any of parties, provided that the interested party notifies the other party, in writing, before ninety days of the effective date of the termination of this MoU, and that such termination does not negatively affect any on-going activities till their conclusions.

#### CLAUSE SEVEN - IRREVOCABILITY

Any forbearance of the parties hereto with respect to violations of any clauses or conditions of this MoU shall be construed as mere liberality, and under no

MoU/CUHP/LTWA/2018

at



circumstances whatsoever shall it result in novation, modification, waiver, or loss of the right to enforce any such obligations, pursuant to the amendment in connection herewith.

#### CLAUSE EIGHT - AMENDMENTS

This MoU may be changed only upon agreement by both the parties and legally drafted by an amendment in connection therewith.

**IN WITNESS WHEREOF**, having agreed to the terms and conditions set forth herein, the parties sign this instrument in two counterparts of equal content, for all intents and purposes.

Signed on the *seventeenth* day of *January* in the year *2018* at LTWA, Gangchen Kyishong, Dharamsala, Himachal Pradesh, India.



CENTRAL UNIVERSITY HIMACHAL PRADESH

Prof. Kuldip Chand Agnihotri  
Vice-Chancellor, CUHP



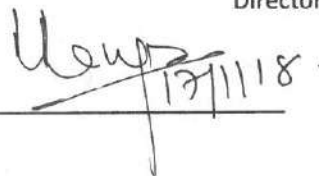
LIBRARY OF TIBETAN WORKS AND ARCHIVES

Ven. Geshe Lhakdor  
Director, LTWA



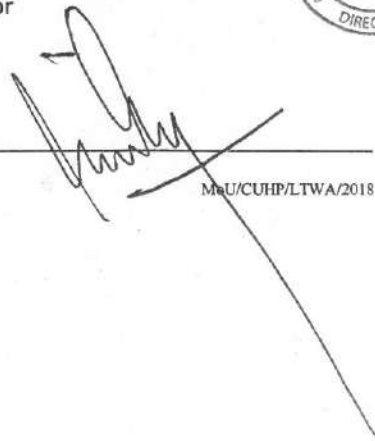
Witnesses:

1.



17/11/18

2.



MoU/CUHP/LTWA/2018



# MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

CENTRAL UNIVERSITY OF HIMACHAL PRADESH, DHARAMSHALA (HP), INDIA  
AND

INFORMATION AND LIBRARY NETWORK (INFLIBNET) CENTRE AN IUC OF UGC,  
GANDHINAGAR

This Memorandum of Understanding hereinafter referred to as MoU is signed on this 4<sup>th</sup> day of JULY in the year 2017 between the Central University of Himachal Pradesh, P.O. Box - 21, Dharamshala, District - Kangra, Himachal Pradesh - 176 215, hereinafter called "CUHP" which expression unless otherwise provided, shall include its successor or assignees on the one part and Information and Library Network (INFLIBNET) CENTRE, An Inter University Centre of the University Grants Commission, Gandhinagar hereinafter referred to as "INFLIBNET", on the other part.

CUHP and INFLIBNET shall hereinafter be referred to singularly as the "party" and jointly as "the parties".

CUHP strives for Inclusive Access & Excellence in Higher Education & Research and is at par with the best Universities of the world in terms of programme offering curricular framework, pedagogy, research publications & integration. Presently it is having 11 School of Studies with different departments and is engaged in undergraduate and postgraduate studies and MPhil / PhD programs.

INFLIBNET Centre, set up in 1991 as a Project of IUCAA, has graduated to be the Inter University Centre of the University Grants Commission in 1996.

## 1. Preamble

- 1.1 Whereas the International Academic Community have realised the need for a close linkage between different centres of higher learning based on principles of equality & reciprocity of mutual benefits the CUHP and INFLIBNET hereby express a desire to join hands in the sphere of academic and research programs, exchange of faculty, scientists, research students, joint information tools and product development and other allied fields as per the following terms & conditions:

## 2. Recitals

- 2.1 AND WHEREAS both the CUHP and INFLIBNET recognise that they share common goals and are desirous to establish a cooperative arrangement towards sharing of knowledge and research through mutual resource sharing.  
The parties shall at all times for the common benefit of the parties agree to use their best endeavour to ensure the success of this Memorandum of Understanding.
- 2.2 AND WHEREAS both organisations are desirous to associate in all other related areas as may be agreed upon for furtherance of knowledge based enterprises, apt technical and management skills for future technology development, information exchange and work towards innovative and effective research, academic partnerships for Human Resource Development and R&D.

3

- 2.3 NOW THE PARTIES (CUHP AND INFLIBNET) hereby acknowledge and agree to collaborate on collaborative and joint research work by entering into this MoU covering the activities as detailed below:

### 3. Period of MoU and its Extension

- 3.1 This MoU comes into effect from the date of its signing & shall remain in force till the completion of five (05) years subject to review and modification as mutually agreed upon.
- 3.2 Thereafter if the parties hereto wish to extend the terms of this MoU, they shall do so by an express covenant in writing.
- 3.3 Notwithstanding anything, either party may terminate this MoU by notifying the other party to its intention to terminate this MoU by a notice in writing, at least three (03) months prior to its termination date. Termination shall be without penalty.

### 4. Scope of MoU

- 4.1 The primary objective of the proposed Memorandum of Understanding is to start a collaborative doctoral research programme wherein the students will enrol themselves for their Ph.D. programs as per regulations with the Central University of Himachal Pradesh and conduct their research work at the INFLIBNET Centre or at both the institutions after completion of the period required for course work at CUHP.
- 4.2 The collaborative research programme proposed by the INFLIBNET Centre in collaboration with the Department of Library and Information Science, the Department of Computer Science and Informatics, Central University of Himachal Pradesh would be mutually beneficial for both the organizations.
- 4.3 The research work undertaken in the collaborative programme would preferably be taken in the areas of direct interest to the INFLIBNET Centre or Central University of Himachal Pradesh. Such research is likely to result into tangible products/software having applications in libraries and information centres. Such products would be made available to the Central University of Himachal Pradesh for their applications in their Central Library or in the Department of Library and Information Science or in any other Department or School of the University free of cost.
- 4.4 The existing products and services of the INFLIBNET Centre such as SOUL software would also be given to the Central Library or to the Department of Library and Information Science, Central University of Himachal Pradesh for teaching and research purposes under this collaborative arrangement free of cost.
- 4.5 The INFLIBNET Centre will extend its facilities, services and infrastructure to the faculty and research students of the Department of Library & Information Sciences, the Department of Computer Science and Informatics as well as to the Central Library, Central University of Himachal Pradesh for research and academic activities.
- 4.6 The INFLIBNET Centre and the Department of Library & Information Science, the Department of Computer Science and Informatics, Central University of Himachal Pradesh may write joint projects for sponsorship from various funding agencies.

93

X



4

- 4.7 The faculty and Scientists from both the institutions under the exchange programme may be deputed for a period of one to four weeks for delivering talks as well as for collaborative work.
- 4.8 The INFLIBNET Centre would extend its hosting facility and other infrastructural of the Data Centre to the Central University of Himachal Pradesh free of cost.

#### 5. Eligibility and Selection of Research Students and Approval of Research Topics

- 5.1 The eligibility of the students would be as per the Ordinance of the Central University of Himachal Pradesh. The approval of research topics would also be as per Ordinances of the University.
- 5.2 The INFLIBNET Centre proposed to have two or more scholarship (JRF/SRF) in the area of Library and Information Sciences to be awarded to research students in the field of Library and Information Sciences. Admission to the Ph.D. program will be as per laid down procedure in the Ordinances of Central University of Himachal Pradesh as amended from time to time.
- 5.2 In cases of research scholar enrolling under the guidance of co-supervisor from the INFLIBNET Centre, such specialist will have to be approved by the University bodies as per Ordinances of the University as amended from time to time.
- 5.3 The INFLIBNET employees who wish to enrol for Ph.D. at Central University of Himachal Pradesh can have Supervisor from Central University of Himachal Pradesh and one co-supervisor from INFLIBNET Centre. The Director, INFLIBNET Centre, and other Scientists equivalent to the grade pay of Assistant Professor and above will be recognized as co-supervisor provided that they meet Central University of Himachal Pradesh requirements for research supervision and have requisite qualification to supervisor Doctoral level research.
- 5.4 The collaborative research programme would be announced through the websites of the INFLIBNET Centre as well as Central University of Himachal Pradesh.

#### 6. Coordination and Progress Review Committee (CPRC)

- 6.1 It is agreed that the progress of this MoU shall be monitored by a Review Committee comprising the Vice-Chancellor of CUHP and the Director of INFLIBNET through periodic meetings.
- 6.2 Director (Research) of CUHP and Director, INFLIBNET Centre shall be the coordinators for activities under this MoU.

#### 7. Financial Implications for Intellectual property

- 7.1 Any intellectual property developed on collaborative research conducted under this MoU or any contracts pertaining to fee for services rendered will be addressed on a case by case under separate agreements.

#### 8. No Liability Clause

- 8.1 CUHP and INFLIBNET shall not be responsible for any loss or damage whatsoever resulting due to implementation of any technology in the premises of the other.

13



5

## 9. Confidentiality Clause

- 9.1 Both the parties acknowledge the confidentiality of the information, which may be transferred between the parties or obtained or developed during the course of this exchange from time to time as being essential to this MoU and agree not to disclose the same to any third party. However, each party shall be free to disclose the information as is:
  - 9.1.1 In the public domain at the time of disclosure.
  - 9.1.2 Required to be disclosed by official authorities in accordance with applicable law or regulation.
- 9.2 Any notice, request or other communication required or permitted to be given under this MoU shall be in writing and shall be delivered in person or by recognised courier service or facsimile, or to the authorized persons of two organisation to be notified separately.
- 9.3 Each of the parties recognises that the successful implementation of this MoU to the mutual satisfaction and benefit of both the parties will require a significant degree of cooperation and good faith on behalf of both the parties. Each of the parties resolves to act in good faith and in accordance with the spirit of this MoU to implement the provisions in accordance with the mutual desire and in the interests of the parties.
- 9.4 Both the parties undertake not to transfer, for any consideration to be received by it, the know-how / data obtained through this MoU to any other party in any manner whatsoever without the prior written approval of each other whether within and beyond the period of this MoU. Both the parties shall take all necessary measures to ensure that the knowledge / data obtained under this MoU is not passed on or disclosed to any third party without mutual consultation and consent in writing.

## 10. Publications and Intellectual property rights

- 10.1 Publications, if any, in respect of the development of the know-how as envisaged with the prior mutual consent of the two parties shall be in the names of the investigators. Prior publications will be avoided where a patent or patents may possibly be taken.
- 10.2 Parties to this MoU shall confer and consult each other regarding filling of Intellectual Property Rights applications including patent applications covering Foreground Information and share equally the attendant expenditure related to filing, prosecution grant, maintenance etc. of the same.
- 10.3 In the event of any extra ordinary situation including infringement suits filed by third parties, parties shall initiate any action in mutual consultation and agreement.

## 11. Patent and Patent Infringement

- 11.1 If the know-how developed as a result of a study undertaken under this MoU leads to a patent or patents being taken, the parties hereto shall mutually agree whether or not to apply for a patent/s and if so in which country. Patents taken, if any, will be in joint names of the two parties. The cost of taking out a patent shall be borne by CUHP and INFLIBNET jointly.

3

- 11.2 In the event of any claim or action being brought against either party to this MoU alleging infringement of a patent of a third party, the parties hereto shall mutually decide whether to defend the claim or not. The cost of defence against any such claims or action shall be borne by the two parties thereto.
- 11.3 If such a patent is filed under the joint supervision of CUHP/ INFLIBNET the cost of patenting and any monetary benefits accruing subsequent to filing and maintaining the patents will be shared by CUHP and INFLIBNET on equal basis.
- 11.4 In the event of a patent being filed out of the collaborative research work between the faculty members of CUHP and Scientists of INFLIBNET, the cost of patenting and monetary benefits accruing subsequent to filing and maintaining of the patents will be shared by CUHP and INFLIBNET on equal basis.

**12. Revision, Modification and Amendment of MoU**

- 12.1 This MoU shall be the principal documents of the terms and conditions agreed to between the parties. However, either party may request in writing a revision, modification or amendment of all or any part of this MoU.
- 12.2 Any revision, modification or amendment agreed to by the parties shall be reduced into writing and shall form part of this MoU. They shall come into force on such date as may be determined by the parties by mutual agreement and shall not prejudice the rights and obligations arising from or based on this MoU before or upto the date of such change.

**13. Termination**

- 13.1 In case it is found by the parties that the desired objectives cannot be achieved due to any reasons(s) whatsoever, this MoU will be treated as terminated by a mutually agreed procedure and shall be reduced in writing jointly without any liability on either party.
- 13.2 However even after termination, if MPhil / PhD students admitted under collaborative research supervision shall continue till the completion of their degrees in accordance with rules and regulations of CUHP and INFLIBNET.
- 13.3 Notwithstanding anything any party may terminate this MoU by notifying the other its intention to terminate in writing at least three (03) months prior to termination date. Termination shall be without penalty.

**14. Force Majeure**

- 14.1 Neither party shall be held responsible for non-fulfilment of their respective obligation under this MoU due to the exigency of one or more of the force majeure events, such as, but not limited to Acts of God, War, Flood, Earthquakes, Strikes, Lockouts, Epidemics, Riots, Civil Commotion etc. provided on occurrence and cessation of such events, the party affected by these shall give a notice in writing to the other party within one month of such occurrence and cessation. If the majeure conditions continue beyond six months, the parties shall then mutually decide about the future course of action.

2

X



# 15. Settlement of Disputes

15.1 Any difference or dispute between the parties concerning the interpretation and / or application of any of the provision of this MoU shall be settled amicably through mutual consultation and or negotiations between the parties without reference to any third party.

# 16. Hold Harmless

16.1 CUHP and INFLIBNET agree to hold harmless from any claim or damages arising from the performance of the other during work under this contract. Without any limitation.

# 17. Notices

17.1 Any communications under this MoU shall be in writing in the English Language and shall be delivered by registered mail or sent through electronic mail only by authorised and competent authority and shall be duly acknowledged by the other.

IN WITNESS WHEREOF, the undersigned being duly authorised have signed this MoU on behalf of the both parties.

Signed on this 4<sup>th</sup> day of JULY year 2017 at place \_\_\_\_\_

FOR CUHP

कुलदीप चन्द ३०६६०१-

Authorised Signatory with Seal



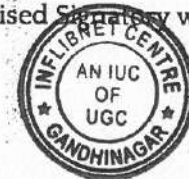
Witness of CUHP

Name & Designation

FOR INFLIBNET

MANUJ KUMAR

Authorised Signatory with Seal



Witness of INFLIBNET

Name & Designation

MANUJ KUMAR  
Scientist-D(CS)





हिमाचल प्रदेश HIMACHAL PRADESH

B 817853

**MEMORANDUM OF UNDERSTANDING (MoU)**

**BETWEEN**

**CENTRAL UNIVERSITY OF HIMACHAL PRADESH, DHARAMSHALA (HP)**

**AND**

**THE INSTITUTE OF COMPANY SECRETARIES OF INDIA (ICSI), NOIDA (UP)**

This Memorandum of Understanding hereinafter referred to as MoU is signed on this 20<sup>th</sup> day of December in the year 2019 between the Central University of Himachal Pradesh, Camp Office, Near HPCA Cricket Stadium, Dharamshala, District - Kangra, Himachal Pradesh - 176215, hereinafter called "CUHP" which expression unless otherwise provided, shall include its successor or assignees on the one part and Institute of Company Secretaries of India, C-37, institutional Area, Sector-62, NOIDA-201309, hereinafter referred to as "ICSI", on the other part.



कुलसचिव  
हिमाचल प्रदेश केंद्रीय विश्वविद्यालय  
कैंप कार्यालय, एपीसीए क्रिकेट स्टेडियम  
के निकट, धर्मशाला, काँगड़ा (हि0प्र0)-176215



CUHP and Apex Professional University shall hereinafter be referred to singularly as the "party" and jointly as "the parties".

CUHP strives for Inclusive Access & Excellence in Higher Education & Research & is at par with the best Universities of the world in terms of programme offering curricular framework, pedagogy, research publications & integration. Presently it is having twelve (12) School of Studies with different departments & engaged in undergraduate, postgraduate studies and M.Phil. / Ph.D. programs.

Whereas the Institute of Company Secretaries of India (ICSI), constituted under the Company Secretaries Act, 1980 to develop and regulate the profession of Company Secretaries in India being solely authorised to conduct coaching and examinations for the award of Professional qualification / Membership of the Institute (ICSI).

Whereas, Department of Himachal Pradesh Kendriya Vishwavidyala Business School (HPKVPBS), CUHP, would create synergy between the academic education and professional education to enhance the visibility of the profession of company secretaries among the academia.

Whereas, the ICSI is interested to award the **Institute of ICSI Signature Award** to the topper in the Master of Business Administration examinations with the following conditions :

1. The ICSI Signature Award will be applicable only for full time courses.
2. The ICSI Signature Award medal will be awarded to the student declared as Topper for each year in Full Time 2 Year MBA Course for School of Commerce & Business Studies.
3. The medal (14 carat, app. 10 gm) as per the specifications provided by the Institute (ICSI) will be arranged by the CUHP, HPKVPBS for distribution during Convocation. The Institute (ICSI) would procure the medal (ceiling of Rs.25,000/-(\*)) or actuals whichever is less) and provide the same to the CUHP through the ICSI Regional Council/ Chapter.  
*(\*) to be reviewed on annual basis as per the fluctuation in cost of gold/making charges.*
4. CUHP, HPKVPBS would extend formal invitations to the President, Vice President, Secretary and Chief Executive of the Institute for the Convocation day of CUHP every year as and when the date of Convocation is confirmed by the University before the said Convocation day. ICSI President (or his representative in case of emergency) will be on the stage with the Chief Guest of the Convocation to give the award to the topper in front of all the students, alumni and faculty members. After the ceremony, CUHP would send a report to the Institute (ICSI) through its Regional Council/Chapter giving full details viz. Name of the Student, Marks Obtained by the Student, Copies of Mark Sheets, Pass Certificate, etc.



5. The ICSI Signature Award will be awarded only to the Topper (One Medal) in the Full Time 2 Year MBA Course of CUHP, HPKVPBS for School of Commerce & Business Studies.
6. The Signature Award along with a certificate will be distributed as and when the Convocation is being held by the CUHP.
7. The top three students of CUHP, HPKVPBS including topper for School of Commerce & Business Studies will be eligible for full waiver of ICSI Registration Fee for Executive Programme Stage.
8. In case no student is eligible or the Signature Award cannot be distributed in a year, the same should be made known to the Institute (ICSI) well in advance.
9. Signature award will be presented to student having Merit of Minimum CGPA (7.00) or merit of a minimum score of 60%.
10. The awardee should not have been booked for any disciplinary action and also no disciplinary case should be pending against him/her.
11. The information about the distribution of Signature Award with the name and address of the recipient shall be sent well in advance to the below address:-



Directorate of Student Services  
The Institute of Company Secretaries of India, ICSI,  
C-37, Institutional Area, Sector - 62,  
NOIDA - 201 309

### Termination of Agreement

The agreement for institution of ICSI Signature Award may be terminated by the ICSI or the CUHP, HPKVPBS by giving a notice of three months.

This arrangement will come into force from 20<sup>th</sup> December, 2019

SIGNED AND EXECUTED BY

Signature (with Rubber Stamp)	 <i>Pandey</i>	Signature (with Rubber Stamp)	
Name	CS Rakesh Pandey	Name	SANJIV SHARMA
Designation	President, ICSI	Designation	REGISTRAR
For and on behalf of ICSI		For and on behalf of CUHP, HPKVPBS.	





हिमाचल प्रदेश HIMACHAL PRADESH

B 817853

**MEMORANDUM OF UNDERSTANDING (MoU)**

**BETWEEN**

**CENTRAL UNIVERSITY OF HIMACHAL PRADESH, DHARAMSHALA (HP)**

**AND**

**THE INSTITUTE OF COMPANY SECRETARIES OF INDIA (ICSI), NOIDA (UP)**

This Memorandum of Understanding hereinafter referred to as MoU is signed on this 20<sup>th</sup> day of December in the year 2019 between the Central University of Himachal Pradesh, Camp Office, Near HPCA Cricket Stadium, Dharamshala, District - Kangra, Himachal Pradesh - 176215, hereinafter called "CUHP" which expression unless otherwise provided, shall include its successor or assignees on the one part and Institute of Company Secretaries of India, C-37, institutional Area, Sector-62, NOIDA-201309, hereinafter referred to as "ICSI", on the other part.



कुलसचिव  
हिमाचल प्रदेश केंद्रीय विश्वविद्यालय  
कैंप कार्यालय, एपीसीए क्रिकेट स्टेडियम  
के निकट, धर्मशाला, काँगड़ा (हि0प्र0)-176215



CUHP and Apex Professional University shall hereinafter be referred to singularly as the "party" and jointly as "the parties".

CUHP strives for Inclusive Access & Excellence in Higher Education & Research & is at par with the best Universities of the world in terms of programme offering curricular framework, pedagogy, research publications & integration. Presently it is having twelve (12) School of Studies with different departments & engaged in undergraduate, postgraduate studies and M.Phil. / Ph.D. programs.

Whereas the Institute of Company Secretaries of India (ICSI), constituted under the Company Secretaries Act, 1980 to develop and regulate the profession of Company Secretaries in India being solely authorised to conduct coaching and examinations for the award of Professional qualification / Membership of the Institute (ICSI).

Whereas, Department of Himachal Pradesh Kendriya Vishwavidyala Business School (HPKVPBS), CUHP, would create synergy between the academic education and professional education to enhance the visibility of the profession of company secretaries among the academia.

Whereas, the ICSI is interested to award the **Institute of ICSI Signature Award** to the topper in the Master of Business Administration examinations with the following conditions :

1. The ICSI Signature Award will be applicable only for full time courses.
2. The ICSI Signature Award medal will be awarded to the student declared as Topper for each year in Full Time 2 Year MBA Course for School of Commerce & Business Studies.
3. The medal (14 carat, app. 10 gm) as per the specifications provided by the Institute (ICSI) will be arranged by the CUHP, HPKVPBS for distribution during Convocation. The Institute (ICSI) would procure the medal (ceiling of Rs.25,000/-(\*)) or actuals whichever is less) and provide the same to the CUHP through the ICSI Regional Council/ Chapter.  
*(\*) to be reviewed on annual basis as per the fluctuation in cost of gold/making charges.*
4. CUHP, HPKVPBS would extend formal invitations to the President, Vice President, Secretary and Chief Executive of the Institute for the Convocation day of CUHP every year as and when the date of Convocation is confirmed by the University before the said Convocation day. ICSI President (or his representative in case of emergency) will be on the stage with the Chief Guest of the Convocation to give the award to the topper in front of all the students, alumni and faculty members. After the ceremony, CUHP would send a report to the Institute (ICSI) through its Regional Council/Chapter giving full details viz. Name of the Student, Marks Obtained by the Student, Copies of Mark Sheets, Pass Certificate, etc.





5. The ICSI Signature Award will be awarded only to the Topper (One Medal) in the Full Time 2 Year MBA Course of CUHP, HPKVPBS for School of Commerce & Business Studies.
6. The Signature Award along with a certificate will be distributed as and when the Convocation is being held by the CUHP.
7. The top three students of CUHP, HPKVPBS including topper for School of Commerce & Business Studies will be eligible for full waiver of ICSI Registration Fee for Executive Programme Stage.
8. In case no student is eligible or the Signature Award cannot be distributed in a year, the same should be made known to the Institute (ICSI) well in advance.
9. Signature award will be presented to student having Merit of Minimum CGPA (7.00) or merit of a minimum score of 60%.
10. The awardee should not have been booked for any disciplinary action and also no disciplinary case should be pending against him/her.
11. The information about the distribution of Signature Award with the name and address of the recipient shall be sent well in advance to the below address:-



Directorate of Student Services  
The Institute of Company Secretaries of India, ICSI,  
C-37, Institutional Area, Sector - 62,  
NOIDA - 201 309

### Termination of Agreement

The agreement for institution of ICSI Signature Award may be terminated by the ICSI or the CUHP, HPKVPBS by giving a notice of three months.

This arrangement will come into force from 20<sup>th</sup> December, 2019

SIGNED AND EXECUTED BY

Signature (with Rubber Stamp)		Signature (with Rubber Stamp)	
Name	CS Rakesh Pandey	Name	SANJIV SHARMA
Designation	President, ICSI	Designation	REGISTRAR
For and on behalf of ICSI		For and on behalf of CUHP, HPKVPBS.	



**THE INSTITUTE OF  
Company Secretaries of India**

**भारतीय कम्पनी सचिव संस्थान**

**IN PURSUIT OF PROFESSIONAL EXCELLENCE**

Statutory body under an Act of Parliament

(Under the jurisdiction of Ministry of Corporate Affairs)

30<sup>th</sup> May, 2022

Prof. Dipankar Sharma,  
School of Commerce and Management Studies  
Central University of Himachal Pradesh,  
Dharamshala, HP.

Dear Sir,

This is in reference to the MoU signed dated 20.12.2019, between The Institute of Company Secretaries of India (ICSI) and Central University of Himachal Pradesh, Dharamshala regarding the gold medal to be presented to the topper of MBA Program at the 6<sup>th</sup> Convocation scheduled for 10th June 2022 which will be presided over Honourable President of India.

The Gold medal is hereby being sent to you through Courier.

Please acknowledge receipt of the same.

With Regards,

*Arti J Shailendar*  
**Arti J Shailendar**  
**Joint Director - Incharge Career Awareness Cell**  
Directorate of Student Services  
The ICSI  
0120-4522077; 9811263471; [arti.shailendar@icsi.edu](mailto:arti.shailendar@icsi.edu)



## MEMORANDUM OF UNDERSTANDING

The Memorandum of Understanding is being executed at 23<sup>rd</sup> on this day of March 2020 between Indian Red Cross Society, National Headquarters, (IRCS for short), 1, Red Cross Road, New Delhi-110001, through \_\_\_\_\_, Indian Red Cross Society, National HQ (hereinafter referred to as Party of the First Part) along with its Himachal Pradesh State Branch (hereinafter referred to as Party of the Second Part)

AND

Central University of Himachal Pradesh for implementation of Programs through the Vice-Chancellor, Central University of Himachal Pradesh (hereafter referred to as Party of the Third Part).

AND WHEREAS the First and Second Party are a statutory humanitarian organization established in 1920 by the Parliament under Indian Red Cross Society Act, XV of 1920. It is the largest statutory humanitarian organization with a network of 36 states/UT branches and more than 1100 branches at District & Sub-district.

AND WHEREAS the First and Second Party work to provide Aid to the sick and wounded members of the Armed forces of the Union in accordance with the terms and spirit of the Geneva Conventions of the 12<sup>th</sup> August, 1949 and discharged of other obligations developing upon the Society under the conventions as the recognized auxiliary of the Armed Forces Medical services, Aid to demobilised sick and wounded members of the Armed Forces of the Union, Nursing and Ambulance work, relief for the mitigation of the suffering caused by epidemics, earthquakes, famines, floods and other disasters, whether in India or outside, the improvement of health, prevention of disease and mitigation of suffering and such other cognate objects as may be approved by the society from time to time.

AND WHEREAS the Third Party is an Institution of national importance setup by the Indian Government with its campuses at Dharamshala, Shahpur and Dehra, Kangra, District Himachal Pradesh. It is one of the fifteen Universities setup by Central University Act, 2009. The University currently has 12 schools and 32 department/centres. It has 07 undergraduate courses, 24 post graduate courses and 29 Doctoral courses.

AND WHEREAS the Third party has grown steadily and surely towards its vision to become renowned by catering to the needs of the society, both regionally and nationally.

AND WHEREAS the first and second party have agreed to collaborate with the Third party on the terms and conditions as noted hereinafter:

NOW THIS MEMORANDUM OF UNDERSTANDING WITNESSES AS UNDER :

1. The term of collaboration between the First Party and Second Party on the one hand and the Third Party on the other shall be for a period of three year from the date of execution of this MOU.
2. That all three parties will work within the mandates of each organization and adhere to the broad principles of humanitarian action as followed by the Red Cross Movement worldwide, namely, Humanitarianism, Impartiality, Neutrality, Independence, Voluntarism, Unity and Universality.

3. That the collaboration will be with the following broad objectives:
  - a. Building the resilience of communities to disaster and climate change.
  - b. Strong emphasis on disaster risk management on natural , manmade hazards and related environmental , technological and health hazards and risk.
  - c. Preventing new risk, reducing existing risk and strengthening resilience.
4. That the focused areas of collaboration will be following:
  - i. Disaster risk reduction , mitigation and preparedness.
  - ii. Water sanitation and hygiene promotion (WASH ).
  - iii. Climate change adaption.
  - iv. Environmental management and restoration.
  - v. Ecosystem based livelihood support.
  - vi. Health and blood services.
  - vii. Any other area of mutual interest
5. That all these parties will draw upon the strengths of each other which in case of the Indian Red Cross Society are its large volunteer base and first Medical responders and the expertise of implementation of community directed programmes on the areas of interest. For CUHP, it is the large multi-sectoral technical expertise, faculty with the capacity to evaluate components of the project being implemented by the Indian Red Cross Society as well as training programmes and projects undertaken by it that include community intervention components in the areas of humanitarian interest.
6. The Parties shall constitute a joint committee having representation of Third party equal to the combined representation of First and Second party, for administering the collaboration. The said committee shall work under the Chairmanship of the officer nominated by the Secretary General, Indian Red Cross Society and Co-Chairman nominated by the Vice-chancellor, CUHP. The committee shall inter-alia be entrusted with the task of preparing and designing the collaborative projects annually or on need basis , general administration , allocation of resources needed , if any including financial and other connected matters and any other matter for the smooth conduct of the collaboration.
7. The Term of the annual project will be as per calendar year and will commence from each year.
8. The details of the programmes/projects for 2020 and 2021 will be worked-out and agreed upon immediately after the signing of the MOU and will be based on mutual consent among the parties.
9. Any dispute in the conduct of the programme will be mutually discussed and decided by the Chairman and Co-Chairman of the committee set up and if necessary , by the Secretary General , IRCS and the Vice-Chancellor, CUHP , However , decisions relating to projects where the funding is from single organization/sourced by one organization will be decided by the head of that organization who in case of the, Indian Red Cross Society will be the Secretary General, IRCS and in case of CUHP will be the Vice-Chancellor , CUHP and whose decision shall be final and binding on the Parties /Joint Committee.

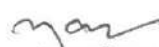


10. Either of the parties can exit from the collaboration by giving a written notice of three months, however, efforts will be made to complete any ongoing projects, under this MOU.

11. NOW THIS MEMORANDUM OF UNDERSTANDING WITNESSED AS UNDERIN, WHEREOF THE PARTIES ABOVE NAMED HAVE SUBSCRIBED AND SIGNED THIS MEMORANDUM ON DATE AND PLACE MENTIONED HEREINABOVE.

**Authorized Signatory**


Indian Red Cross Society  
National Headquarters,  
1, Red Cross Road,  
New Delhi-110001

  
Secretary General  
(FIRST PARTY)  
Indian Red Cross Society  
National Headquarters  
New Delhi-110001


  
Deputy Secretary  
Indian Red Cross Society

**Authorized Signatory**


Indian Red Cross Society,  
Himachal Pradesh State Branch

  
General Secretary  
(SECOND PARTY)  
IRCS, HP State Branch  
Shimla - 171002

Witnesses:

  
Secretary  
IRCS, HP State Branch  
Shimla - 171002

**Vice Chancellor**

  
Central University of Himachal Pradesh  
Pradesh Dharamashala  
District Kangra  
Himachal Pradesh-176215

(THIRD PARTY)

Witnesses:

  
Deputy Secretary  
Indian Red Cross Society

# Memorandum of Understanding

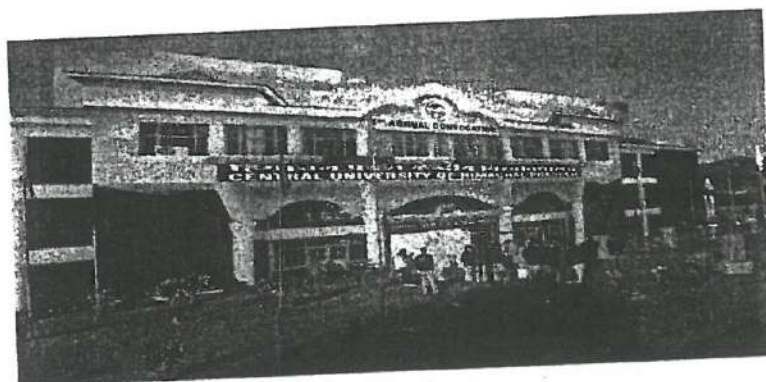
Between



**Dr. Ambedkar International Centre**

Ministry of Social Justice and Empowerment  
Government of India, New Delhi-110001

And



**Central University of Himachal Pradesh**  
Kangra, Shahpur, Himachal Pradesh 176206



## MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING (the "MoU") is entered at Dr. Ambedkar International Centre, Ministry of Social Justice and Empowerment, New Delhi-110001.

on \_\_\_\_ - \_\_\_\_ - 2018

Between

Dr. Ambedkar International Centre, Ministry of Social Justice and Empowerment, 15 Janpath, New Delhi, including its successors, assignees and legal representatives (hereafter to be known as the First party).

And

Central University of Himachal Pradesh Kangra, Shahpur, Himachal Pradesh 176206 including its successors, assignees and legal representatives (hereafter to be known as the Second Party).

### BACKGROUND OF PARTIES

Genesis

The Prime Minister, in his address to the nation on August 15, 2007, announced the establishment of a Central University in each of the states that did not have a central university so far. Subsequently, 11th Plan provided for the establishment of 16 new Central Universities. Accordingly, the Central Universities Act 2009 (No. 25 of 2009) which received Presidential assent on 20th March 2009 provided for the establishment of Central University of Himachal Pradesh amongst others.

Establishment

The Central University of Himachal Pradesh is established under the Central Universities Act 2009 (No. 25 of 2009) enacted by the Parliament. The University is funded and regulated by the University Grants Commission (UGC). The University became functional with the assumption of charge by the first Vice Chancellor on 20th January 2010.

### Dr. Ambedkar International Centre (DAIC)

Dr. Ambedkar International Centre (DAIC) at 15 Janpath, New Delhi was inaugurated by the Hon'ble Prime Minister of India on 7<sup>th</sup> December 2017. It was envisaged that this Centre would be a Centre of Excellence for study, research, analysis and policy feed and advocacy in various fields of Social sector. It will work on reducing discrimination and exclusion, and monitor progress towards more inclusive societies. The Centre will also conduct training programmes for officers and entrepreneurs.

The main focus of the Centre will be to reduce Socio-political and Economic inequalities. Research in socio-economic field will be conducted by the scholars from select universities both in India and abroad to reduce discrimination and exclusion, monitor progress towards inclusion, design and conduct training programmes for creating entrepreneurship skills, and

3

part in house attachment for refresher programmes for officers, students, researchers, teachers and entrepreneurs. To meet the objectives of qualitative research, DAIC will focus on research works on Dr. Ambedkar and his Vision of Developed India, Transformational and Developmental Aspects of Buddhism, Policy Feed and Policy Advocacy and Sustainable Development and Livelihood through various activities in its schools. These researches will not only be used to support industry and business houses but also to back all branches related to social sciences aiming to uplift the life of people. DAIC will have its own infrastructure and divisions for achieving its aims and objectives.

## **2. PURPOSE**

The Parties recognize the benefits to be derived from increased collaboration, cooperation and interaction for the further promotion and understanding of high performance in research training, capacity building and organizing various programmes including conferences, seminars, symposia and lecture series. The purpose of this MOU is to define the areas for fundamental, applied academic research in which both the Parties desire to work together in future for their mutual benefit to foster a collaborative framework between DAIC and DU in the Field with a view to benefiting from each other's initiatives and working procedures and to support collaboration among the researchers associated with both the Parties.

## **3. SCOPE**

This MOU sets forth the intentions of the Parties for increased collaboration, cooperation and interaction and does not create any legally bound commitments. If the Parties later agree to undertake specific joint projects with legally bound obligations, they will develop separate written agreements for such projects, setting out each Party's contributions, deliverables.

## **4. THE PARTIES INTEND TO:**

- I. Strengthen the ties between DAIC and academia to make collaborative efforts in the fields of research and training.
- II. Make joint efforts for creating a knowledge bank which may be used to facilitate scholars, researchers and policy makers and to co-supervising post-graduate (if required) and research students.
- III. Offer exchange of faculty to the mutual benefit of both institutions.
- IV. Exchange academic materials and publications.
- V. Conduct lecture programmes, seminars, symposiums, and other types of academic discussions and undertake joint research attachment of staff for purposes of curriculum development and review, attendance of courses, upgrading of teaching and research skills.
- VI. Conducting study tours and joint consultancy work.
- VII. Prepare ground for induction of technological knowhow of the industry and administration in academia for better research and policy feeds.
- VIII. Prepare a common ground for the industries, institutions, universities, organizations, ministries, research centers and agencies for sponsoring/awarding



projects to DAIC and DU for activities related to academic and policy research and policy advocacy and capacity building for start-ups and entrepreneurs.

- IX. Both DAIC and DU will be having rights on intellectual property and knowledge products created through collaborative efforts.
- X. Provide free of cost mutual access to facilities available at their campus for purpose of fundamental academic research.
- XI. Participation in experience-sharing and institution-building activities.
- XII. Organize regular capacity building programmes in the form of national-level learning activities. This may, for example, include learning and support services for specialized projects and activities of Indian administration system.
- XIII. Training for Indian academics, officers and professionals, especially in the areas of training and learning methodologies, research and policy analysis, administration, social justice and social and financial inclusion.
- XIV. Research collaboration on emerging skill development and employment relations themes.
- XV. Development of innovative learning platforms and education programmes with emphasis on low residency and learning at distance for workers and adult learners.
- XVI. Organization of specific Learning and Policy Workshops around themes that form the major policy reform areas and development focus (otherwise called the 'Transformation Agenda') of the Government of India over the next 5 years.

A specific plan will be worked out for each activity; setting forth detailed arrangements for collaboration will be agreed. Terms and conditions for each visit or an assignment or such exchange, including those concerning salary, travel funding, health insurance, and housing will be worked out between DAIC and DU.

## 5. COORDINATION

Each institution shall appoint one member of its teaching/research faculty to coordinate the programme on its behalf. Further, a coordination committee consisting of a programme coordinator from DAIC, and a programme coordinator from the side of DU will periodically review and identify ways to strengthen cooperation between the two institutions.

## 6. INTELLECTUAL PROPERTY RIGHTS

Ownership of any intellectual property (including but not limited to confidential information, know-how, patents, copyrights, design rights, rights relating to computer software, and any other industrial or intellectual property rights) developed jointly during the course of this MOU shall be vested in both institutes party to this Memorandum. Both institutes shall have the joint right to determine the commercial exploitation and disposition of such intellectual property, and both institutes shall make joint applications for the registration of the same. Before any registration or commercialization of any intellectual property takes place, the institutes agree to reach a separate agreement covering issues such as exploitation rights and revenue sharing. Any publication regarding such intellectual property shall only be possible with the prior written consent of both institutes, such consent

10. to be unreasonably withheld. DAIC shall be free to use perpetually the results arising out of the collaborating activities for its own internal teaching, research, educational, clinical and publication purposes without the payment of royalties or other fees to the other party. (5)

## 7. TYPES OF COOPERATION

The parties agree to the following types of cooperation:

The major thrust areas which would be considered for any joint research and related activity will be as follows:

- I. All Areas related to Socio-economic Transformation.
- II. Policy Research and Advocacy in all areas of Social Science.
- III. Studies on Peace, Progress and Transformational Aspects of Buddhism.
- IV. All Areas of Sustainable Development and Livelihood.

## INDUSTRY-ORIENTED COLLABORATIVE RESEARCH

In case of industry or corporate sector collaborative research, both the parties agree to have collaborative efforts in the following types of research activities/projects-

- I. Research related to promoting innovation, entrepreneurship and start-up culture among students/faculty in the respective institution, industry/corporate sector.
- II. Collaborative research and consultancy that may lead the client or the two parties to devise methods for socio-economic transformation and sustainable development.
- III. DU may initiate PhD programs with the sponsorship from the industry/institutions and corporate sector as per the Institution's guidelines for students-teacher ratio. Professors/Associate Professors from DAIC will co-supervise the research programme.
- IV. The joint research projects i.e. between industry and University can be considered with funding from government funding agencies or the industry or both.
- V. To support research activities and to create strong bonds between the two parties (DAIC and DU) and the industries or corporate sector a proposal may be prepared for the creation of industrial chair for the duration of research project only. The duration of the Chair may sustain if the research project sustains. But in such case, the Chair may be competent to assist research project. In case the Chair cannot handle the project, it may be replaced by a competent one.
- VI. Later separate proposal may be prepared both by DU and DAIC and the same should be sent to the Ministry of Corporate Affairs/Micro Small and Medium Enterprises/Labour and Employment/ for financial help for establishment of a Chair of permanent nature.
- VII. Prepare training programmes for students and industrial staff.
- VIII. Provide visiting faculty/experts from industry for interaction with staff and trainees.



- X. Start-up entrepreneurship programme. Course will be structured by DAIC & DU and implemented by the industries.
- X. Involvement of industry in Faculty Development Programmes (FDPs)
- XI. Rendering help for students' internships and placements
- XII. Guidance/mentoring in setting-up of Incubation Centre
- XIII. Help in setting-up Technology and Innovation Centre
- XIV. Prepare ground for seed funding by Industries for the companies incubating in the University technology incubator.
- XV. Invite industries for the catalyst program, that is, industry support for marketing and commercialization for any product, for the incubating companies.
- XVI. Help in setting-up Technology and Innovation Support Center Network, with the aim of mentoring the innovators (in the University) and help them manage their Intellectual Property Rights (IPRs).

6

## **8. SEPARATE PROVISIONS FOR PROJECTS**

Any specific joint projects with legally binding obligations will be set forth in separate agreements. Such special agreements for research programmes will be mutually decided by both the parties.

Research products resulting from joint research (Industrial property, intellectual property, patents, reports, prototypes etc.) are to be shared, while research products resulting from one party's participation in the other party's research programme would belong to the party hosting the research programme. Though on the request of the other party the research hosting party may share the result with the approval of the competent authority.

## **9. MODE OF OPERATION**

Both parties will provide necessary support for effective implementation of the MoU within the institutional rules and procedures.

This MoU shall be effective from the date it is signed by both the parties.

Within the broad framework of the MoU, Dr. Ambedkar International Centre and Central University of Himachal Pradesh, can work on joint research, academic exchanges, development of facilities etc.

Any financial commitment for joint activities under this MoU shall be subject to the approval by the Competent Authorities of the respective organizations.

The activities under this MoU shall be coordinated, monitored and recorded by an Internal Coordination Committee. Director, DAIC, shall be the internal coordinator from Dr. Ambedkar International Centre, New Delhi whereas an officer of the same level from Central University of Himachal Pradesh, will be the internal coordinator from CU Himachal Pradesh. The visitors will be bound by the rules and regulations, as well as the code of conduct of the host institution.

## **NON DISCLOSURE**

Either party shall not provide or disclose any confidential information related to the other party, acquired during the cooperation or exchange stated herein, to a third party. (7)

## **11. FINANCIAL IMPLICATIONS**

This MoU places no financial obligations or supplementary funding commitments on either party. These activities will be defined through separate programme agreements, detailing the commitment of resources (financial or otherwise) required from each institution. Subsequent programme agreements must be approved in advance in writing by the authorized representatives from both Parties. Each Party will be responsible for its own costs in connection with all matters relating to collaborations under this MoU. Where possible and appropriate, the parties may also seek funding for collaborations from Government and related agencies.

This MoU is also a broad based understanding between the parties and does not place any financial liabilities on any of the parties. In case there is joint financial involvement between both the parties for any Workshop/Seminar/Conference, it would be decided on case to case basis in advance. In case of preparing knowledge/research reports, if it involves any financial liability, it would be decided mutually.

## **12. VALIDITY**

The Memorandum shall remain in force for a period of FIVE years commencing from effective date. Institutions may extend the term by written agreement signed by both the parties after review. This MoU may be terminated by either Party with advance written notice of at least thirty (30) days.

## **13. AMENDMENTS/MODIFICATIONS**

This MoU may be amended or modified by a written agreement signed by the representatives of both institutes.

## **14. LEGAL EFFECT**

This MoU, shall in all respects, be governed by and construed in accordance with the laws of the Republic of India.

## **15. DISPUTE RESOLUTION**

In case, there be a dispute relating to any aspect of academic cooperation, interpretation and for application of the premises of this MoU, Director of DAIC and the signatory officer from DU will jointly resolve the dispute in a spirit of independence, mutual respect, and shared responsibility. Any unresolved dispute shall be referred to the Director, DAIC and Central University of Himachal Pradesh, Delhi and an independent arbitrator involved with mutual consent in accordance with Arbitration and Conciliation Act, 1996 and rules framed there under as amended from time to time. Arbitration shall be conducted at New Delhi. The






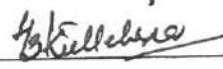
Decision of arbitrators so reached shall be final and binding on both the Parties. Principal language of arbitrator shall be English.

Each clause of this MoU is severable and if one clause is rendered illegal or is severed, it will not render the whole MoU illegal and all clauses, except the severed clause shall be valid and binding on both parties.

## 16. SEAL OF THE PARTIES

In witness thereof, the Parties represented by their authorized representatives, set forth their hands on this day, month and year, first stated above, agree to and accept this MoU to be signed in the presence of the following witnesses:

In witness whereof, each of the parties has caused this agreement to be executed by its duly authorized authorities as of date first written above.

For and on behalf of Dr Ambedkar International Centre Ministry of Social Justice and Empowerment, Government of India, New Delhi-110001	For and on behalf of Central University of Himachal Pradesh
Signature: 	Signature: 
Name: <b>ATUL DEV SARMAH</b> अतुल देव शर्मा / Atul Dev Sarmah निदेशक / Director	Name: <b>DR SANJAY SHARMA</b> डॉ. संजय शर्मा
Date: <b>14/08/2019</b> अंतर्राष्ट्रीय केन्द्र Dr. Ambedkar International Centre सामाजिक न्याय और अधिकारिता मंत्रालय Min. of Social Justice & Empowerment	Date: <b>16/07/19</b>
Seal: भारत सरकार, नई दिल्ली Govt. of India, New Delhi	Seal: 
Witnesses (Names and Signatures)	Witnesses (Names and Signatures)
Name <b>Dr. Devender Singh</b> डॉ. देवेन्द्र सिंह / Dr. Devender Singh असोसिएट प्रोफेसर / Associate Professor	Name <b>HIND BHUSHAN KUTLEHRIA</b>
Designation डॉ. अम्बेडकर अंतर्राष्ट्रीय केन्द्र Dr. Ambedkar International Centre सामाजिक न्याय और अधिकारिता मंत्रालय M/o. Social Justice & Empowerment	Designation <b>SECTION OFFICER</b>
Signature भारत सरकार, नई दिल्ली Government of India, New Delhi	Signature 

Witnesses (Names and Signatures)

Name

Dr. Varun Gulati

Designation Associate Professor

Signature

[Signature]  
Dr. Varun Gulati  
Associate Professor  
Dr. Ambedkar International Centre  
M/o. Social Justice & Empowerment  
Government of India, New Delhi

Witnesses (Names and Signatures)

Name

SANJEEV KUMAR KAUSHAL

Designation SECTION OFFICER

Signature

[Signature]  
16/7/19

(9)





तपोमूलं हि साधनम्  
Research is the Root of all Quest



## MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

RESEARCH FOR RESURGENCE FOUNDATION, NAGPUR

AND

CENTRAL UNIVERSITY of  
HIMACHALPRADESH, DHARAMSALA

This Memorandum of Understanding (MoU) is made and executed at Dharamshala, Kangra , Himachal Pradesh on this 22nd day of October of the year 2021 which is (KrishanPakshDwitiya) by and between:

1. **Research for Resurgence Foundation**, Sheshadri Sadan, Tulsibaug Road, Mahal, Nagpur, Maharashtra-440032 (Bharat) (*Hereinafter referred as RFR Foundation*) founded by voluntary organization Bharatiya ShikshanMandal by or repugnant to the subject shall mean and include its successors and assigns.

AND

2. (Central University of Himachal Pradesh )(*Hereinafter referred as CUHP*)  
**RFR Foundation** and (**CUHP**) are referred to individually as a "Party" and collectively as "Parties". Both Parties have reached the following intent to collaboration as per below described articles of this MOU.

## ARTICLE 1: BACKGROUND AND PURPOSE

- 1.1.1. Research for Resurgence Foundation is founded by voluntary organization Bharatiya Shikshan Mandal(hereinafter referred as RFR Foundation).The core objective of RFR Foundationis to bring paradigm shift in research outcome, research methodology and innovation-based technologies, ensuring Bharatiya prospective, philosophy and applicability.
- 1.1.2. TheRFR Foundationhas functional dimensions to strengthen and synchronize Research, Researchers, Resources and Reach.
- 1.1.3. The RFR Foundation is a multi-domain Research Institute and a network hub of research and allied activities in academics and industrial sector.

### AND

- 1.2.1. Central University of Himachal Pradesh (hereinafter referred as CUHP) is an University established by the Central Universities Act 2009 (No. 25 of 2009).
- 1.2.2. **CUHP**functions as per the provisions of the central University act and statute 2009 & Ordinances published by Central University of Himachal Pradesh.

### 1.1 Vision and Mission:

CUHP strives for Inclusive Access to Excellence in Higher Education and Research to emerge as Premier University of the Country at par with the best Universities of the World in terms of Programme Offerings, Curricular, Framework, Pedagogy, Research, Publications and Integration with the World of Work.

Objectives are to disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit; to make special provisions for integrated courses in humanities, social sciences, sciences and technology in its educational programmes, to take appropriate measures for promoting innovations in teaching-learning process and inter-disciplinary studies and research; to educate and train manpower for the development of the country: to establish linkages with industries for the promotion of science and technology.



2 of 9



### 1.2 Purpose:

RFR Foundation and CUHP are interested in working together with mutual collaboration to give each other's strengths in research and facilities thereof, will mutually benefit the students and faculties for nurturing the research, innovation and creativity among students. Now therefore the parties hereto have agreed to enter into a memorandum of understanding considering the long term benefits of sharing the knowledge and resources between the institute and establish a strong academic collaboration, by undertaking joint responsibilities and activities in their respective field of excellence, research, resources, knowledge and human described in the article 2 of this MOU as area of collaboration.

## ARTICLE 2: AREAS OF COLLABORATION

The parties hereby agree to work collaboratively on following points for the effective and efficient engagement by fulfilling the purpose of this MoU towards strengthening and streamlining research in scientific and technology development, innovation and entrepreneurship ecosystem in Bharat. The mutually agreed **activities** by and between the parties keeping in view the existing law of the University are as under:

### 1. The responsibilities and work for CUHP:

#### 1.1. Setting-up functional RFR Foundation extension centre in academic campus for

- 1.1.1. Awareness, publicity & accessibility for RFR Foundation work, facilities and opportunities.
- 1.1.2. Awareness, publicity & accessibility for research activities, programs, seminar, workshops, conferences and like to be jointly organized.
- 1.1.3. Philosophical acceptance and responsibility towards concept of 'Resurgence'.
- 1.1.4. Monitoring, execution and evaluation of parameter/s of research applicability for nation / society / local requirement, incorporation of Bharatiya methodology and references in various programs at institutional level including Ph.D., M.Phil., Post-Graduation, Under Graduation research projects and research methodology program.



3 of 9

- 1.1.5. Establishing platform for converting strength & excellence in terms of infrastructure and human resource for betterment of educational systems across world.
- 1.2. To organize national, international events, program at mutually agreed interval.
- 1.3. To provide infrastructure, academic & technical Support in various activities organized by RFR Foundation, subject to availability.
- 1.4. Promote and support student(s), faculty(s) exchange programs.
- 1.5. Maintain respect and dignity among other Academic associates and Industrial associates of RFR Foundation.
- 1.6. Active participation in associate members' annual meetings organized by RFR Foundation.
- 1.7. To recognize RFRF as workplace for research including PhD studies and post-doctoral research.

## **2. The responsibilities and work for RFR Foundation:**

- 2.1. To provide Title "Academic Associate"& its certification to CUHP.
- 2.2. To provide access to knowledge resource centre of RFR Foundation.
- 2.3. To facilitate CUHP for industry-academia, academia-academia collaborations at national & international level.
- 2.4. To provide support in conduction of Refresher Courses, Orientation courses, Research methodology programs and faculty development program.
- 2.5. Promotion of Research Activities in common interest area.
- 2.6. Privileged invitation for event(s) / program(s) organized by RFR Foundation and Bharatiya Shikshan Mandal (limited number of guests).
- 2.7. Display and information about facilities and opportunities at CUHP in the reception gallery at foundation.
- 2.8. Two nominations (incumbent authorities) in *Samanvay Sabha* for associates.
- 2.9. Support in execution, monitoring and evaluation process of various research activities.
- 2.10. Access and usage of knowledge resource centre, infrastructural facilities such as convention centre at special 'Academic Associates' discounted charges.
- 2.11. The facilities for students and faculties at concessional charges.



4 of 9



2.12. Consultation, unbiased evolution of various educational processes as RFR Foundation Academic & Administrative Audit program.

2.13. Information and invitation for research events conducted by other associate members for associates' network.

### **ARTICLE 3: CO-ORDINATION AND NODAL OFFICER**

Both entities shall mutually decide and designate a nodal officer. The nodal officer will have responsibility for fulfilling the objectives of this agreement and also will carry out all activities mutually agreed by the parties.

### **ARTICLE 4: SCOPE**

The Parties acknowledge and agree that the Areas of Collaboration are not exhaustive in nature and the Parties shall in good faith, negotiate to elaborate upon the Areas of Collaboration, including additional areas of collaboration as may be mutually agreed and the rights, responsibilities and obligations of each Party in relation to each of the Areas of Collaboration. The Parties may, from time to time, execute addenda or modifications to this MOU to incorporate such additional scope of collaboration or discussions in accordance with Clause 6.3.

### **ARTICLE 5: DURATION**

This MOU shall be valid after its signature from the date of signing till for **FIVE** years. The Parties may further extend the MOU with mutual written consent, in order to ensure continuous inputs regarding in light of changing trends and environment in the area of collaboration for this MOU. As part of subsequent extensions, the Parties may agree to make amendment in the MOU.

### **ARTICLE 6: TERMS**

#### **6.1 Finance**

Both Parties shall be responsible to carry out the activities under the area of collaboration and New Project, Program, Conference, Seminar, Workshops and like which is co-designed/ organized by both of the parties. The financial arrangements wherever involved will be decided and approved after mutual consent and shall be



5 of 9

agreed to for each activity individually on resource deployment, arrangements and mobilization will be planned vis-a-vis.

### **6.2 Assignment**

Neither of the Parties shall assign any of their duties under this MOU to any other person or institution without prior approval of other party. A specific agreement will be entered into for each activity.

### **6.3 Amendments**

No alterations, additions or modification hereto shall be valid and binding unless the same are reduced to writing and signed by both the Parties.

### **6.4 Non-Exclusive Discussions**

The Parties acknowledge and agree that the Areas of Collaboration under this MOU are being undertaken on a non-exclusive basis and either Party shall be free to enter into or consummate transactions similar to the Areas of Collaboration with other parties in Bharat or elsewhere.

### **6.5 Confidentiality and Public Announcement:**

6.5.1. "Confidential Information" means the confidential, proprietary, and trade secret information of the disclosing party to be disclosed by the disclosing party under this MOU, and comprises (a) information in tangible form that (1) bears a Confidentiality Legend, or (2) does not bear any Confidentiality Legend, if the receiving party knew, or reasonably should have known under the circumstances, that the information was confidential and had been communicated to it in confidence, and (b) discussions about that information that may occur before, at the same time, or after disclosure of the information. This MOU and all confidential information exchanged between the Parties pursuant to this MOU shall be held in confidence.

6.5.2. Neither Party nor any of the affiliates shall make any public announcement about the MOU and /or the scope of proposed engagement, without the prior written consent of the other Party. Any public announcement so made, shall be as outlined in the Article 2 of this MOU.



6 of 9



## **6.6 License and Intellectual Property Rights**

6.6.1. No license is granted under this MOU to either Party under any of the other Party's intellectual property rights, either expressly, by implication, inducement, estoppel or otherwise. Both Parties understand and acknowledge that grant of any such license shall always be express and in writing.

6.6.2. Both parties will take all necessary steps to protect the knowledge documents and intellectual Properties generated during the process or shared by the parties.

## **6.7. Conflict of Interest**

Neither of the parties believes that the Collaboration contemplated by this MOU raise any actual or potential conflicts of interest. The parties agree that this MOU and the negotiation of the same (and any other agreements entered into in connection herewith) are independent of any past, present or potential future arrangements, and are not connected to an existing business relationship between either of the parties.

## **ARTICLE 7: TERMINATION**

7.1 This MOU shall also terminate without liability to either party if otherwise agreed to by the Parties in writing with a notice period of 1 month.

## **7.2 Survival and binding Nature**

7.2.1. Except for Clause 6 (Terms), Cause 7 (Termination) and 8 (Dispute Settlement) of this MOU, nothing contained in this MOU is intended to be or shall be construed in any way to be legally binding on any of the Parties.

7.2.2. Except as set forth elsewhere in this MOU, Clause 6 (Terms), Cause 7 (Termination), 8 (Dispute Settlement) shall survive the expiry or termination of this MOU.



7 of 9

## ARTICLE 8: DISPUTE SETTLEMENT

### 8.1 Governing Law and Jurisdiction

8.1.1. This MOU shall be governed by and construed in accordance with the laws of Republic of Bharat. All disputes arising out of or related to this MOU, including without limitation all matters connected with its performance, will be governed by, and construed and interpreted under the laws of Bharat, without reference to conflict of laws principles.

8.1.2. All disputes and differences arising out of or in connection with this MOU shall be the first instance referred to arbitration by three (3) arbitrators, jointly appointed by Parties. The decision and award determined by such arbitration will be final and binding upon the Parties. The arbitration will be conducted in accordance with the Arbitration and Conciliation Act, 1996, as may be in force from time to time. The arbitration proceedings will be conducted in Hindi, English or any Bharatiya Language and the seat of arbitration will be Nagpur

### 8.2 Notices

All communications hereunder shall be in writing and shall be deemed given if delivered personally or mailed by registered or certified mail (return receipt requested) to the Parties at the address specified below:

#### If to RFR Foundation:

Attention of: Secretary,

Address: Research for Resurgence Foundation, Sheshadri Sadan, Tulsibaug Road, Mahal, Nagpur, Maharashtra-440032 (Bharat)

Phone: 9822745768, 9422822795

Email: [info@rfrfoundation.org](mailto:info@rfrfoundation.org), [rfrfbharat@gmail.com](mailto:rfrfbharat@gmail.com) Website: [www.rfrfoundation.org](http://www.rfrfoundation.org)

#### If to CUHP

Attention of: Vice Chancellor

Address: Central University of Himachal Pradesh  
Vice Chancellor Secretariat,  
Dharamshala- Distt. Kangra  
Himachal Pradesh





Phone :01892-229330; 9418141389

Email: [registrar@hpcu.ac.in](mailto:registrar@hpcu.ac.in), [vc@hpcu.ac.in](mailto:vc@hpcu.ac.in)

[www.cuhimachal.ac.in](http://www.cuhimachal.ac.in)

In witness whereof the parties hereto have signed, sealed and delivered this agreement on **22, October 2021** above written in presence of:

For,

**Research for Resurgence Foundation,  
Nagpur**

Sign 

Name: ~~Rajendra Pathak~~ Sh. Pankaj Nalpath

Designation: ~~Secretary RFRF~~  
Member

**Central University of Himachal Pradesh  
Dharamshala**

Sign  22/10/2021

Name: Prof. Vishal Sood

Designation: Registrar, CUHP

**Witnessed by:**

Sign  22/10/2021

Name: Prof. Pardeep Kumar

Designation: DSW

Sign 

Name:

Designation: Director, IQAC





# MEMORANDUM OF UNDERSTANDING



## MEMORANDUM OF UNDERSTANDING (MOU)

ENTERED INTO BETWEEN

**CENTRAL UNIVERSITY OF HIMACHAL PRADESH**

AND

**THAKUR JAGDEV CHAND SMIRIT SODH SANSTHAN NERI, HAMIRPUR  
(H.P.)**

FOR THE ESTABLISHMENT OF ACADEMIC AND EXCHANGE PROGRAM

**THE CENTRAL UNIVERSITY OF HIMACHAL PRADESH**, hereinafter referred to as CUHP, located at Dharamshala, District Kangra, Himachal Pradesh 176215, India, represented by its Vice Chancellor, Professor Kuldip Chand Agnihotri, on the other hand, **THAKUR JAGDEV CHAND SMIRIT SODH SANSTHAN NERI, HAMIRPUR (H.P.)**, hereinafter referred to as TJCSSS situated at Neri, District Hamirpur, Himachal Pradesh - 177001, India represented by its Chairman, Shri Vijay Mohan Kumar Puri.

**WHEREAS, CUHP and TJCSSS** realise the mutual benefits of joining efforts to achieve the purposes set forth below:

**WHEREAS, CUHP** strives for inclusive access to excellence in higher education and research to emerge as a premier university of the country at par with the best universities of the world in terms of programme offerings, curricular framework, pedagogy, research, publications and integration with the world of work.

**WHEREAS, TJCSSS** strives to provide comprehensive resources related to research, publication, etc. based on Indian History Research Methodology and to fulfill the objectives of the TJCSSS laid out in their vision and to provide an environment that encourages research and an exchange of knowledge and experience between scholars and students from various disciplines.

**THEREFORE**, the parties hereto have decided to enter into this MoU pursuant to the following clauses and conditions:

### CLAUSE ONE - PURPOSE

The MoU entered into hereunder shall promote, develop and bring about educational research and allied activities, in matters of reciprocal interest of the signatory parties, which shall in due time be defined in a specific document to be signed by the parties.

1 | MoU: CUHP & TJCSSS





# MEMORANDUM OF UNDERSTANDING



## CLAUSE TWO - FORM OF EXECUTION

For the purpose of this MoU, the parties hereby commit themselves, within their respective scope of responsibilities, in providing technical, administrative, financial and operational support for the activities that shall be developed, in particular:

- a) Promoting and fostering exchange programs, courses, seminars, internships and other activities of common interest, in accordance with the possibilities of each of the convening parties.
- b) Productively carrying out educational programmes and activities for participants from either party, in accordance with the potential of either of the programme organizing parties
- c) Cooperating in planning and implementing exchange programmes and activities of common and reciprocal interest.
- d) In conclusion of any programme and activity, parties shall jointly prepare a consolidated report of the results achieved from programme and activity convened, pursuant to this MoU.
- e) The parties in this matter shall appoint a responsible programme coordinator, who shall carry out the programmes and activities and manage the intellectual properties for the partnerships established from the MoU.

## CLAUSE THREE - OBLIGATIONS OF THE PARTIES

The parties shall further commit themselves to:

- a) Accepting, complying with, and determining that participants also comply with all legislation, norms, and technical and administrative instructions of both the parties.
- b) Contributing, by carrying out the actions and fulfilling the objectives set forth in the programmes and activities, to the better performance and result of this MoU.
- c) Ensuring the timely execution of the programmes and activities.
- d) Integrate physical and human resources necessary for the better performance of the programmes and activities.
- e) Fully complying with the participants' statutory and normative purposes, so as to safeguard their rights and prerogatives.
- f) Informing all irregularities which might occur during the programme development and execution to the programme coordinator on a regular basis.
- g) Ensuring the coordinator and other persons appointed for the programme, full access to inspect the development of the programme.

2 | MoU: CUHP & TJCSSS



# MEMORANDUM OF UNDERSTANDING



## CLAUSE FOUR- TERMINATION

This MoU may be terminated upon agreement by the parties or unilaterally by any of the parties, provided that the interested party notifies the other party in writing, before ninety days of the effective date of the termination of this MoU, and that such termination does not affect any on-going activities till its conclusion.

## CLAUSE FIVE- IRREVOCABILITY

Any forbearance of the parties hereto with respect to violations of any clauses or conditions of this MoU shall be construed as mere liberality, and under no circumstances whatsoever shall it result in novation, modification, waiver, or loss of the right to enforce any such obligations, pursuant to the provisions of this MoU.

## CLAUSE SIX- AMENDMENTS

This MoU may be changed only upon agreement by both the parties and legally drafted by an amendment in connection therewith

**IN WITNESS WHEREOF**, having agreed to the terms and conditions set forth herein, the parties sign this instrument in two (02) counterparts of equal content, for all intents and purposes.

(Vijay Mohan Kumar Puri)  
Chairman  
THAKUR JAGDEV CHAND  
SMIRIT SODH SANSTHAN NERI,  
HAMIRPUR (H.P.)

Witnesses:

1.   
Hem Raj

2.   
29.12.2020

(Prof. Kuldip Chand Agnihotri)  
Vice-Chancellor  
CENTRAL UNIVERSITY OF  
HIMACHAL PRADESH  
DHARAMSHALA (HP)

Witnesses:

1.   
1.

2.   
Aggarwal



## Seminar Report

A National Seminar on the theme **Memories, Narratives and Soundscape: Forgotten Themes of Indian National Movement** (स्मृतियाँ, वृत्तान्त तथा ध्वनिदृश्य: भारतीय राष्ट्र आंदोलन के विस्मृत विषय) was organized by and at Shodh Sansthan Neri, Hamirpur, Himachal Pradesh on 4th and 5th December 2021. The Departments of History of the Central University of Himachal Pradesh, Dharamshala and Himachal Pradesh University, Shimla were the co-organizers of the seminar. Participants, which included the resource persons, paper presenters and other scholars and enthusiasts of history, came from varied parts of the country, prominently from Himachal Pradesh, Jammu and Kashmir, Punjab, Haryana, Rajasthan, Delhi, Uttar Pradesh and Madhya Pradesh. A total of 160 participants registered for the program and 55 scholars presented their research papers in six technical sessions spanning over two days. The Indian Council for Historical Research (ICHR), New Delhi financially sponsored the seminar and two observers from ICHR, namely, Dr Vinod Kumar and Dr Nitin Kumar also graced the occasion.

The chief guest of the inaugural program of the seminar was Shri Rajendra Vishwanath Arlekar, Hon'ble Governor of Himachal Pradesh and the session was presided over by Professor Vasant Shinde, Former Vice Chancellor, Deccan College and Research Institute, Deemed University, Pune. Professor Kuldeep Chand Agnihotri, Advisor, Minister of Culture, Government of India and former Vice Chancellor, Central University of Himachal Pradesh, delivered the keynote address. Dr Kanwar Chanderdeep Singh, convenor of the national seminar, introduced the theme to the guests and the audience. In his deliverance, Prof. Agnihotri delved upon the key issues pertaining to the writing of modern Bhartiya history especially of the national movement. According to him, there were different streams along with the Indian National Congress who contributed immensely in their own capacity to unleash the anti British resistance. Prof Vasant Shinde delivered the presidential address in the virtual mode as due to ill health he was unable to come to the venue physically. While speaking on the occasion, hon'ble Governor congratulated the seminar organizers for highlighting the contribution of the unsung heroes, by the way of this academic program and he reminisced about the Goan freedom struggle, which was equally important but has been less talked about. Hon'ble Governor on the occasion released the *Samarika* (souvenir of the seminar) containing the abstracts of the research papers submitted by the scholars. Two other books namely, *Swaraj Sangharsh mein Hmachal ke Nepathya Nayak* edited by Dr Shiv Bhardwaj and *Itihas Lekhan mein Lokgathaon ka Yogdan* by Dr Om Prakash Sharma were also released on the occasion by the hon'ble Governor and other dignitaries.

There were four technical sessions on the first day of the seminar on 4th December 2021. Prof Narayan Singh Rao chaired the first technical session and Prof O.P. Sharma was the co-chair. There were thirteen research papers presented in the session on varied sub-themes of national and regional history. The second technical session was



chaired and co-chaired by Prof. Arun Kumar Singh and Prof. Bhag Chand Chauhan respectively. Twelve research papers were read during this session.

The third technical session was held after the tea break. It was chaired by Dr Kanwar Chanderdeep Singh and co-chaired by Dr Rajeev Kumar. The researchers presented twelve research papers in this session. Dr Surendra G Soni chaired the fourth technical session on the first day and Dr Ankush Bhardwaj was the co-chairman of the session.

The second day of seminar saw two technical sessions. Dr Priyatosh Sharma chaired the first technical session of the day two. Dr Ashish Kumar chaired the second technical session of the day. A total of fourteen papers were presented by the scholars in these two sessions.

Every session witnessed some very good papers dealing with newer facets of the freedom movement not only from the national perspective but from the regional aspect as well. For instance, the research paper of Rajendra Sharma on the contribution of tribal region of Himachal Pradesh in the national movement was well received by the chairman and audience of the session. Similarly Banita Rani, a PhD research scholar from the Central University of Himachal Pradesh presented her paper on *Mata Durga Arya*, a prominent women patriot from Himachal Pradesh but scantily known in the national mainstream history. There were several other presentations, which dealt with the understanding of national movement with the aid of folk songs, folk tales, memories and folk history. The effort was to create a meta-narrative of the national movement from the micro studies based on primary researches in those geographical and social spaces that hitherto have been neglected or overlooked. At the conclusion of every session, there were deliberations on the research papers presented during the course including the question and answers, with expert comments from the chairman and co-chairman of the sessions.

The seminar concluded with the valedictory program that began at 12 noon on 5<sup>th</sup> December 2021. The chief guest of the program was Prof. Prem Kumar Dhumal, former Chief Minister, Himachal Pradesh. The session was presided over by Prof. Kumar Ratnam, Member Secretary, ICHR, New Delhi. The guests of honour were Shri Virendra Kanwar and Shri Rakesh Pathania, honourable cabinet ministers, Government of Himachal Pradesh. Dr Chetram Garg, Director, Shodh Sansthan Neri, formally welcomed the guests and familiarized the audience with activities and achievements of the Sansthan. Speaking on the occasion Prof. Ratnam apprised the gathering about the direction that history writing should take and the important role that ICHR is playing in funding such groundbreaking researches in history. Prof. Dhumal while paying his tributes to the great visionary of history writing, Thakur Ram Singh, said that it was the high time that we should adopt Bhartiya methods to understand Bharat. The dignitaries released three books in the valedictory function. These were *Dogra*, *Tarangini* by Mangal Das Dogra, *Arhat Kaushik Bakula* and *Delimitation of Jammu and*

हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय  
सप्त सिंधु परिसर देहरा  
जिला कांगड़ा (हि.प्र.) 177101



*Kashmir* by Sumer Khajuria and *Pandit Deendayal Upadhyaya Vichar Darshan* by Prof. Arun Kumar. The program concluded with the felicitation of the resource persons, scholars who presented papers in the seminar as well as to the organizing team of seminar.

The national seminar opened new vistas of research on the newer themes pertaining to the national movement in national and regional contexts. Simultaneously, the program also drew attention of the researchers towards indigenisation of the research methodologies in the history of modern Bharat especially on the problems of history writing while dealing with Bharat's struggle for independence.

विभागाध्यक्ष,  
इतिहास विभाग  
हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय  
सप्त सिंधु परिसर देहरा  
जिला कांगड़ा (हि.प्र.) 177101

Thakur Jagdev Chand Samriti Shodh  
Sansthan Nerl, Distt. Hamirpur, H.P. - 177001

Registration Form  
National Seminar

**Bharatiya Freedom Movement :  
Narratives, Memories and Unsung Heroes**

Kail. 5123, Vikrami samvat 2078,  
Margshirsh Sukt Pripada-02 (04-05 December, 2021)

**Advisory Board**

Sh. Vijay Mohan Kumar Puri

Chairman, Ithas Shodh Sansthan Nerl, Hamirpur  
Prof. Kuldeep Ch. Agnihotri

Advisor to the Minister for Cultural Affairs, Govt

Dr. Baldev Kumar Pandey

National Organizing Secretary, ABISY, New Delhi  
Sh. Bhagwanlal Sharma

Gen. Secy, Ithas Shodh Sansthan Nerl, Hamirpur

Dr. Chaitanya Singh

Director, Ithas Shodh Sansthan Nerl, Hamirpur

Prof. Sat Prakash Bhasal

Vice-Chancellor, CCHP, Dehra Dun

Prof. Subash Chandra

Vice-Chancellor, HPU, Shimla

Prof. Kumar Rajaram

Member Secretary, KJIBR, New Delhi

Dr. Sharada Sood

Chairman, HPU, Dehra Dun

Dr. Anand Singh

Director, Directorate of Higher Education, HPU

Prof. Narayan Singh Bhat

Dean, HCU, Haryana, CCHP, Dehra

Dr. Arjun Kumar

Head, Dept. of History, HPU, Shimla (HPU)

Prof. O. P. Sharma

Director, Vachanik Prasth, L.S. 5, Neri, Hamirpur

Prof. B. C. Chandra

Director, Vachanik Prasth, L.S. 5, Neri, Hamirpur

**Organizing Committee**

Dr. Rajivendra Yadav (Co-Convener)

Dr. Rakesh Kumar Sharma (Co-Convener)

Dr. Vikas Sharma

Dr. Surender Nath Sharma

Dr. Preet Chandel Parmar

Dr. Narendra Kail Nanda

Dr. Desraj Sharma

Dr. Suraj Thakur

Dr. M. R. Sharma

Dr. Vijay Sharma

Dr. Jagbir Chandel

Dr. H. R. Thakur

Dr. Manoj Sharma

Dr. Anand Bhandari

Dr. Shiv Bhandari

Dr. Namita Thakur

Prof. Roshan Bhandari

Ithas Sansthan Yojana Samiti, Himachal Pradesh  
Department of History, Central University of Himachal Pradesh, Dehra  
Department of History, Himachal Pradesh University, Shimla

**Venue**

Ithas Shodh Sansthan  
VPO Nerl, Distt. Hamirpur (HP) - 177001  
Email: seminarnerl@gmail.com

Organizing Secretary  
Dr. Raj Kumar  
Assistant Professor  
Department of History  
Central University of Himachal Pradesh  
P.O. No. 8215700110  
Email: rajkumar\_hcp2005@gmail.com

Indian Council for Historical Research, New Delhi  
Sponsored

**National Seminar**

ON

**Bharatiya Freedom Movement :  
Narratives, Memories and Unsung Heroes**

Kail. 5123, Vikrami samvat 2078,  
Margshirsh Sukt Pripada-02 (04-05 December, 2021)

**Organized by**

Ithas Shodh Sansthan Nerl (HP)



## Thakur Jagdev Chand Samriti Shodh Sanshan Neri, Hamirpur (HP)

### Shodh Sanshan Neri

The Shodh Sanshan Neri is a research institution located in the district of Hamirpur in the lush green hills of Himachal Pradesh a state also called as Devbhoomi. The institute is devoted to the higher learning in history and culture with clear-cut emphasis on providing newer perspectives and ideas. The institute has been carrying out research in history on the themes of national and regional importance by providing alternative perspectives to established perceptions. The institute is going to complete its two decades of service in the field of fundamental research in history in the year 2022. The Shodh Sanshan Neri can be reached via road from all the major cities of Himachal Pradesh as well as from the neighbouring states. The nearest railway station is at Amb-Andaura (Una) which is at one and half hour drive from the institute. The nearest airport is at Kangra (Gaggal) which is at a two and half hour drive. Envisioned on the sanatana model of Gurukul, the institute offers generous facilities to the researchers, which include a library, reading halls, conference halls, a guesthouse, separate residential facilities for boys and girls with attached baths and a dining hall.

### About the Conception and Objectives of the Seminar

In the 19th century an assortment of factors played a vital role in arousing the national sentiment among the Bharatiya subjects of the British Raj. The national struggle for the attainment of Swaraj and Swadharma was not therefore monolithic or one-dimensional. Within the 'mainstream' political nationalism, as espoused by the then political leadership, there have been varied ideological sub-streams represented by its array of leaders belonging to diverse backgrounds. The national movement therefore came with varying

of which, some have been heavily explored while the others were summarily ignored or were less delved upon. Importantly however, all the denominators have hinged themselves around the *Swa* factors. On the eve of 75th year of Bharat's independence which the proud nation is celebrating as the *Azadi ka Amrit Mahotsav*, the academic exploration of these *Swa* factors is the fundamental aim of this seminar. The factors include the role of ethics of sanatana dharma, cultural mores, civilizational ethos, national art, national literature and not the least the unsung men and women in espousing the cause of independence. In the regional context, case of the Himalayan state of Himachal Pradesh is inquisitive to delve upon. A concerted scrutiny and disquisition is thus needed to be initiated into the unexplored facets of the freedom struggle in state in which the role of different strata including the commoners, who had laid their lives, unheard and unsung. The seminar aims to open new vistas of research in our understanding of the Bharat's national movement in general and its extension as well as its implications in Himachal Pradesh, in particular.

### Major Themes of the Seminar

The title of the seminar is all encompassing around varied facets that fueled our anti-colonial struggle. However, for the sake of precision vis-à-vis the thrust areas, this seminar is divided into different sub-themes but they are not exclusive and academic liberty can be taken within the broad parameters of the seminar's title. Themes to be deliberated will include the following, but are not limited to

1. Ethics of Swaraj, Sarvodya and Swadeshi
2. Dharmic Influences on Bharat's National Movement
3. Socio-Religious Reform Movements and their Impact on Nationalism
4. Literary Nationalism and its Traditions
5. Anti Colonial Art Expressions
6. Indian Women and Independence

7. Reflections on Freedom Struggle in the Himalayas
8. Patriots and Patriotism: Freedom Heroes of Himachal Pradesh
9. Unheard Narratives of the Unsung : Lore, Tales and Legends

### Important Dates

Registration for the Seminar	: 30 October, 2021
Submission of Abstracts	: 10 October, 2021
Submission of Full Article	: 30 October, 2021

### Registration Fees

Faculty Members	: Rs 500
Research Scholars	: Rs 300
PG Students and Others	: Rs 100

### Bank Account Details for Depositing the Seminar Registration Fees

Acc. No. 11500210001851  
UCO Bank, Hamirpur, H.P.  
IFSC: UCABA0001110

### Boarding and Lodging

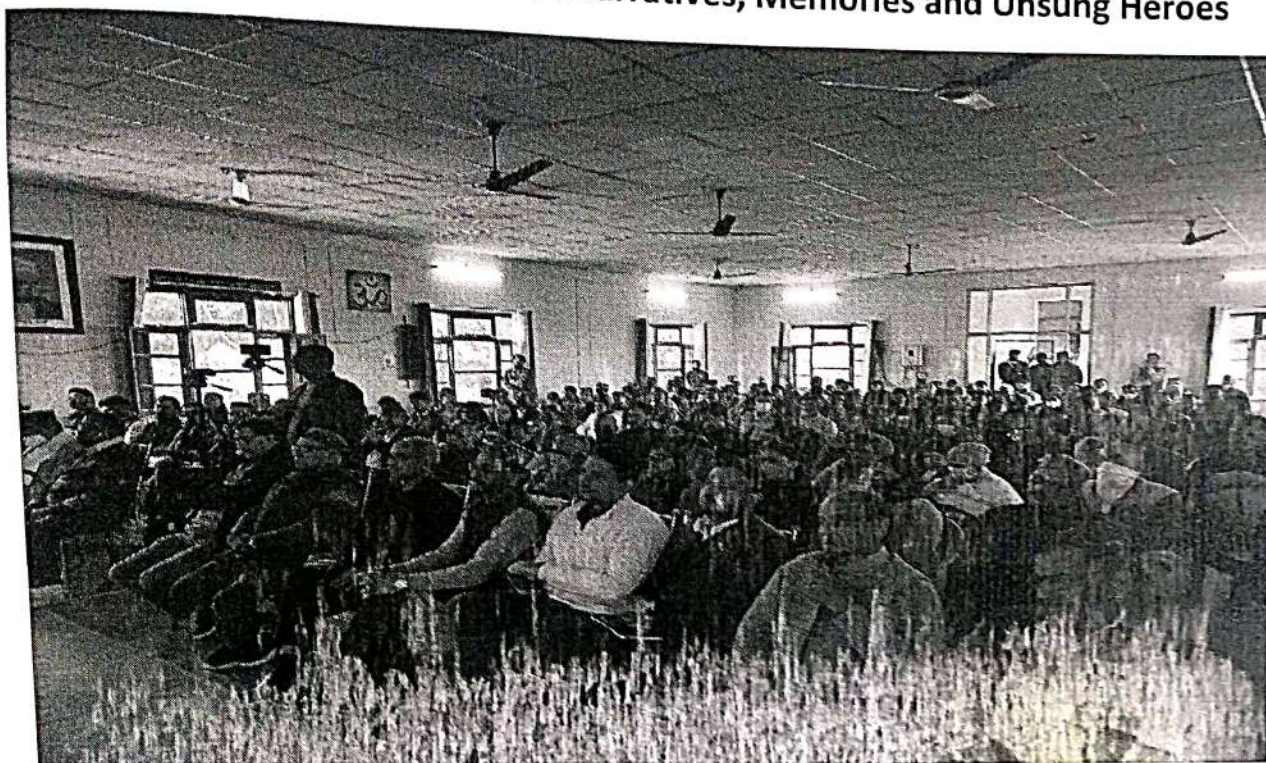
The Shodh Sanshan Neri has comfortable residential facilities with hygienic food for the participants. The local transport facilities may be provided to the participants on requirement, subject to availability of the vehicles.

### Publication of the Research Articles

The Shodh Sanshan Neri will publish the selected original and high quality research papers of the seminar in the edited volume in both Hindi and English. The articles shall ideally be 4000-6000 worded with proper references and notes. The font of the research papers in Hindi should be Kruti Dev 010, size 14 and for the English it should be in Times New Roman, size 12. The papers can be emailed to [seminarneri@gmail.com](mailto:seminarneri@gmail.com).



**National seminar, 4-5 December, 2021**  
**Bhartiya Freedom Movement : Narratives, Memories and Unsung Heroes**



विभागाध्यक्ष  
 इतिहास विभाग  
 हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय  
 सप्त सिंधु परिसर देहरा  
 दुनिया कागजात (हि.प्र.) 177101







**समझौता ज्ञापन**  
**हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, धर्मशाला**  
**और**  
**संजीवनी शारदा केंद्र, आनंद नगर, भोड़ी, जम्मू**

यह समझौता ज्ञापन हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, धर्मशाला की ओर से विश्वविद्यालय के कुलपति और संजीवनी शारदा केंद्र, जम्मू की ओर से केंद्र के अध्यक्ष द्वारा वर्ष 2021 में  
जनवरी (माह) के 23 (तारीख) को निम्नलिखित उद्देश्यों की पूर्ति हेतु हस्ताक्षरित।

1. हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, धर्मशाला ने शारदा लिपि में एक वर्षीय कश्मीरी भाषा (शारदा लिपि) में सर्टिफिकेट कोर्स का प्रावधान है। विश्वविद्यालय भारतीय भाषाओं को उनकी मूल लिपि में प्रसारित करने के कार्य में संलग्न है।
2. संजीवनी शारदा केंद्र, जम्मू एक पंजीकृत न्यास है जिसके कार्यों में से एक प्रमुख कार्य कश्मीरी भाषा का शारदा लिपि में अध्ययन-अध्यापन है। केंद्र ने अब तक लगभग 600 व्यक्तियों को कश्मीरी भाषा का लेखन शारदा लिपि के माध्यम से करने में प्रशिक्षित किया है।
3. संजीवनी शारदा केंद्र हिमाचल प्रदेश केंद्रीय विश्वविद्यालय के शारदा लिपि के प्रशिक्षण के कार्यक्रम में सहायता प्रदान कर सकता है क्योंकि यह प्रशिक्षण कार्य ऑनलाइन एवं ऑफलाइन दोनों माध्यमों से कराया जाता है।
4. इस समझौता ज्ञापन के माध्यम से शारदा संजीवनी केंद्र हिमाचल प्रदेश केंद्रीय विश्वविद्यालय के कश्मीरी भाषा (शारदा लिपि) में सर्टिफिकेट कोर्स के विद्यार्थियों को शारदा लिपि के प्रशिक्षण में यथासंभव सहायता प्रदान करेगा। इसमें रिसोर्स पर्सन (संसाधक), शारदा लिपि में लिखित कश्मीरी भाषा के गद्य-पद्य को जांचना एवं संबंधित कार्य सम्मिलित हैं।

  
(अवतारकृष्ण त्रकरू)  
अध्यक्ष  
संजीवनी शारदा केंद्र  
आनंद नगर, भोड़ी, जम्मू

  
(प्रो० कुलदीप चन्द अग्निहोत्री)  
कुलपति  
हिमाचल प्रदेश केंद्रीय विश्वविद्यालय  
धर्मशाला

साक्षी:

1.

3.

साक्षी:

2.

4.

## MEMORANDUM OF UNDERSTANDING

The Memorandum of Understanding is being executed at 23<sup>rd</sup> on this day of March 2020 between Indian Red Cross Society, National Headquarters, (IRCS for short), 1, Red Cross Road, New Delhi-110001, through \_\_\_\_\_, Indian Red Cross Society, National HQ (hereinafter referred to as Party of the First Part) along with its Himachal Pradesh State Branch (hereinafter referred to as Party of the Second Part)

AND

Central University of Himachal Pradesh for implementation of Programs through the Vice-Chancellor, Central University of Himachal Pradesh (hereafter referred to as Party of the Third Part).

AND WHEREAS the First and Second Party are a statutory humanitarian organization established in 1920 by the Parliament under Indian Red Cross Society Act, XV of 1920. It is the largest statutory humanitarian organization with a network of 36 states/UT branches and more than 1100 branches at District & Sub-district.

AND WHEREAS the First and Second Party work to provide Aid to the sick and wounded members of the Armed forces of the Union in accordance with the terms and spirit of the Geneva Conventions of the 12<sup>th</sup> August, 1949 and discharged of other obligations developing upon the Society under the conventions as the recognized auxiliary of the Armed Forces Medical services, Aid to demobilised sick and wounded members of the Armed Forces of the Union, Nursing and Ambulance work, relief for the mitigation of the suffering caused by epidemics, earthquakes, famines, floods and other disasters, whether in India or outside, the improvement of health, prevention of disease and mitigation of suffering and such other cognate objects as may be approved by the society from time to time.

AND WHEREAS the Third Party is an Institution of national importance setup by the Indian Government with its campuses at Dharamshala, Shahpur and Dehra, Kangra, District Himachal Pradesh. It is one of the fifteen Universities setup by Central University Act, 2009. The University currently has 12 schools and 32 department/centres. It has 07 undergraduate courses, 24 post graduate courses and 29 Doctoral courses.

AND WHEREAS the Third party has grown steadily and surely towards its vision to become renowned by catering to the needs of the society, both regionally and nationally.

AND WHEREAS the first and second party have agreed to collaborate with the Third party on the terms and conditions as noted hereinafter:

NOW THIS MEMORANDUM OF UNDERSTANDING WITNESSES AS UNDER :

1. The term of collaboration between the First Party and Second Party on the one hand and the Third Party on the other shall be for a period of three year from the date of execution of this MOU.
2. That all three parties will work within the mandates of each organization and adhere to the broad principles of humanitarian action as followed by the Red Cross Movement worldwide, namely, Humanitarianism, Impartiality, Neutrality, Independence, Voluntarism, Unity and Universality.



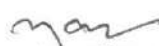
3. That the collaboration will be with the following broad objectives:
  - a. Building the resilience of communities to disaster and climate change.
  - b. Strong emphasis on disaster risk management on natural , manmade hazards and related environmental , technological and health hazards and risk.
  - c. Preventing new risk, reducing existing risk and strengthening resilience.
4. That the focused areas of collaboration will be following:
  - i. Disaster risk reduction , mitigation and preparedness.
  - ii. Water sanitation and hygiene promotion (WASH ).
  - iii. Climate change adaption.
  - iv. Environmental management and restoration.
  - v. Ecosystem based livelihood support.
  - vi. Health and blood services.
  - vii. Any other area of mutual interest
5. That all these parties will draw upon the strengths of each other which in case of the Indian Red Cross Society are its large volunteer base and first Medical responders and the expertise of implementation of community directed programmes on the areas of interest. For CUHP, it is the large multi-sectoral technical expertise, faculty with the capacity to evaluate components of the project being implemented by the Indian Red Cross Society as well as training programmes and projects undertaken by it that include community intervention components in the areas of humanitarian interest.
6. The Parties shall constitute a joint committee having representation of Third party equal to the combined representation of First and Second party, for administering the collaboration. The said committee shall work under the Chairmanship of the officer nominated by the Secretary General, Indian Red Cross Society and Co-Chairman nominated by the Vice-chancellor, CUHP. The committee shall inter-alia be entrusted with the task of preparing and designing the collaborative projects annually or on need basis , general administration , allocation of resources needed , if any including financial and other connected matters and any other matter for the smooth conduct of the collaboration.
7. The Term of the annual project will be as per calendar year and will commence from each year.
8. The details of the programmes/projects for 2020 and 2021 will be worked-out and agreed upon immediately after the signing of the MOU and will be based on mutual consent among the parties.
9. Any dispute in the conduct of the programme will be mutually discussed and decided by the Chairman and Co-Chairman of the committee set up and if necessary , by the Secretary General , IRCS and the Vice-Chancellor, CUHP , However , decisions relating to projects where the funding is from single organization/sourced by one organization will be decided by the head of that organization who in case of the, Indian Red Cross Society will be the Secretary General, IRCS and in case of CUHP will be the Vice-Chancellor , CUHP and whose decision shall be final and binding on the Parties /Joint Committee.

10. Either of the parties can exit from the collaboration by giving a written notice of three months, however, efforts will be made to complete any ongoing projects, under this MOU.

11. NOW THIS MEMORANDUM OF UNDERSTANDING WITNESSED AS UNDERIN, WHEREOF THE PARTIES ABOVE NAMED HAVE SUBSCRIBED AND SIGNED THIS MEMORANDUM ON DATE AND PLACE MENTIONED HEREINABOVE.

**Authorized Signatory**


Indian Red Cross Society  
National Headquarters,  
1, Red Cross Road,  
New Delhi-110001

  
Secretary General  
(FIRST PARTY)  
Indian Red Cross Society  
National Headquarters  
New Delhi-110001


  
Deputy Secretary  
Indian Red Cross Society

**Authorized Signatory**


Indian Red Cross Society,  
Himachal Pradesh State Branch

  
General Secretary  
(SECOND PARTY)  
IRCS, HP State Branch  
Shimla - 171002

Witnesses:

  
Secretary  
IRCS, HP State Branch  
Shimla - 171002

**Vice Chancellor**

  
Central University of Himachal Pradesh  
Pradesh Dharamashala  
District Kangra  
Himachal Pradesh-176215

(THIRD PARTY)

Witnesses:

  
Deputy Secretary  
Indian Red Cross Society



49 (17)

Memorandum of Understanding

Among

*Himachal Pradesh State Pollution Control Board*

And

*Central University of Himachal Pradesh, Dharamshala*

And

*Kala Amb (Gram Panchyat), Kala Amb*

02-06-2021.

This Memorandum of Understanding ("MoU") is entered into on \_\_\_\_\_ (Effective Date) by and among

*Himachal Pradesh State Pollution Control Board (HPSPCB) Regional Office Paonta Sahib* having its office at Paonta Sahib, District Sirmour, Himachal Pradesh 173025 India, herein after referred to as State Pollution Control Board (SPCB), of the FIRST PARTY.

And

*Central University of Himachal Pradesh*, having its office at Dharmshala Kangra - 176215, Himachal Pradesh, India, herein after referred to as 'Institute of Repute (IoR)', of the SECOND PARTY.

And

*Kala Amb (Gram Panchyat)*, the governing body of Kala Amb, function under Block Development office located at ~~Ramkunder~~, Nahar town, District Sirmour, Himachal Pradesh 173001, India, hereinafter referred to as '(Gram Panchyat)' functioning under Rural Development Department of the THIRD PARTY.

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

#### Introduction

The Ministry of Environment, Forest & Climate Change (MoEF&CC), Government of India has launched the National Clean Air Programme (NCAP) for pan India to tackle the air pollution problem across the country. NCAP is envisaged as a collaborative cross sectoral and multi-stakeholder programme to tackle all sources of air pollution.

For the Kala Amb town, the National Knowledge Network of NCAP has chosen HPCU Dharmshala as the IoR to function as a technical partner and provide technical assistance to the GRAM PANCHYAT and SPCB.

The collaboration will be established within the principles set out in the following sections

### **1. Objective**

Under the NCAP, city specific interventions and action plans will be formulated for implementation by the HPSPCB and Gram panchyat, along with *Central University of Himachal Pradesh* Dharmshala as a technical partner for the village of Kala Amb. The National Knowledge Network (NKN), Central Pollution Control Board (CPCB) and MoEF&CC will be overseeing the coordination and technical compliance. Information about the NKN and scientific work carried out by NKN & IoRs shall be available at <https://www.nkn.urbansciences.in/>

Further information about the NCAP is available at [http://moef.gov.in/wp-content/uploads/2019/05/NCAP\\_Report.pdf](http://moef.gov.in/wp-content/uploads/2019/05/NCAP_Report.pdf).

### **2. Functions of the Parties**

**Role of IoR:** IoR will act as a technical partner for the Kala Amb for the implementation of NCAP. IoR will extend all necessary knowledge based support to the SPCB and GRAM PANCHYAT, in agreement with the guidance provided by CPCB and NKN. IoR may undertake Air quality monitoring and modelling work, data analysis, data utilization, compilation, adherence to interpretation protocols, report preparation, etc. IoR shall also help in calibration of CAAQMS, compliance verification work of emission norms as a third party to provide independent input to SPCBs and policy makers. IoR shall be engaged by MoEF&CC for performance assessment (Third Party Audit (TPA)) based on predefined framework for cities other than with whom they are knowledge partners. Research conducted by IoR shall also focus on efficacy and efficiency of various individual measures by various tools and techniques including cost-benefit analysis with support from NKN.

**Role of SPCB:** SPCB will function as the regulatory body, overseeing the compliance of regulations and intervention policies in the city. SPCB will commit to their city specific action plans and inform IoR of their activities under NCAP, and consult IoR for technical expertise. SPCB will engage IoR in Capacity building with the help of NKN and ensure knowledge uniformity in planning and implementation of NCAP in all Non-Attainment cities in the State. SPCB as well as GRAM PANCHYAT will also ensure the use of best practices.

**Role of Urban development:** The GRAM PANCHYAT shall commit to all air quality targets mentioned for the city under NCAP. City specific interventions and action plans will be formulated by the GRAM PANCHYAT with advice from IoR. GRAM PANCHYAT shall update IoR on all progress made so far and consult them on all future activities undertaken as a part of NCAP.



### 3. Conflict of Interest

Since, the current pool of expertise in air quality domain is limited, it is desirable to include institutions/scientist/faculty members with a proven record in this domain as IoRs, even if they are a part of the NKN. A faculty/scientist affiliated to an IoR will not be involved in the decision making for the activities carried out by the IoR. That is, whenever an NKN Nodal Faculty is approached to provide their consulting services as a nodal faculty/Principal Investigator (PI) of their affiliated IoR, they will recuse themselves from the agenda and the proposal will be reviewed by Nodal Faculty experts of any other NKN institute, and not by themselves.

### 4. Method of Cooperation/Coordination

Whereas the parties to this MoU agree to co-operate in specific assignment(s), they shall share relevant information and experience in their possession with a view to achieve the mutually beneficial and technical association and to satisfy the need of the accomplishment of objective of MoU; except information which may be subject of copyright or technology agreements, royalties in licenses in which case the parties may procure the use of such information on commercial terms. Besides this, all the parties would also share the journals, publications, papers etc., published or any data, monitoring report etc. so that, capacity building of all parties/organization takes place to accomplish the objective. All parties shall appoint one member each to coordinate the activities on its behalf.

HPSPCB: Er. Pawan Sharma \_\_\_\_\_

HPCU, Dharmshala: Dr. Ankit Tandon & Dr. Dilbag Singh \_\_\_\_\_

Kala Amb Gram Panchyat: Mr. Anup Kumar Sharma \_\_\_\_\_

### 5. Effective date and duration of the MoU

The MoU shall be effective from the date of signing by all the Parties which shall be the Zero Date and shall remain in force till the extent of NCAP. The Parties may extend the term in writing on year-to-year basis subject to the continuation of NCAP scheme.

### 6. Deliverables

Information about the NKN and scientific work carried out by NKN and IoRs shall be available at: <https://www.nkn.urbansciences.in/>. Progress of city wise work carried out by IoR in collaboration with SPCB/ GRAM PANCHYAT shall be updated quarterly in [www.nkn.urbansciences.in](https://www.nkn.urbansciences.in/).

### 7. Confidentiality

All parties reciprocally guarantee that all technical information and data generated under this MoU shall be treated as confidential and shall not be divulged by any party without prior written consent of the other even after the expiry of this MoU.

### 8. Funding

The expenditure incurred for implementation of the MoU for IoR, GRAM PANCHYAT and SPCB would be met out of NCAP/ Fifteenth Finance Commission funds / any other central or state scheme under implementation for improvement of Air quality available with GRAM PANCHYAT and SPCB SPCB is not getting any Grant-in-Aid except NCAP & such expenditure shall be met out of state scheme for which funds shall be provided by Rural development department

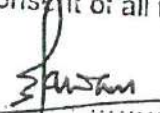
9. In case, there be a dispute relating to any aspect of academic cooperation, all the Parties will resolve the dispute in a spirit of mutual respect, and shared responsibility failing which, the unresolved difference or disputes shall be referred to the arbitration by a distinguished authority agreed mutually by all the parties and decision by that authority shall be final and binding.

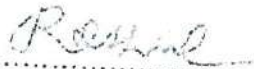
### 10. Force Majeure


Neither party shall be held responsible for non-fulfillment of their respective obligations under this agreement due to exigency of one or more of the force majeure events such as but not limited to act of God, War, Flood, Earthquakes, Strikes, Lockouts, Epidemics, Riots, Civil Commotion, etc., provided on the occurrence and cessation of any such events, the party effected thereby shall give a notice in writing to the other party within one month of such occurrence or cessation. If the force majeure conditions continue beyond six months, the parties shall jointly decide about the future course of action

### 11. Modifications and Amendments:

Modifications and Amendments to this MoU, if any, shall be made in writing by mutual consent of all the parties."

  
For and on behalf of  
HPSPCB


  
For and on behalf of  
CUHP

  
For and on behalf of  
Rural Development

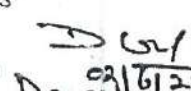
Signature  
Name: E. Parwan Sharma  
Designation: Regional Officer  
Date: 02/06/21  
H.P. State Pollution Control Board, Patna Sahib

Signature  
Name: Roshan Lal Sharma  
Designation: Regional Officer  
Date: 02/06/21  
Witness: [Signature]

Signature  
Name: Darshan Lal  
Designation: Regional Officer  
Date: 02/06/21  
Witness: [Signature]

Witness:  
  
S. Ash, HPSPCB  
Patna Sahib

Witness:  
  
Darshan Lal, (Rural Development)

Witness:  
  
(Darshan Lal, SEBPO)  
BDO office Nahan.





**MEMORANDUM OF UNDERSTANDING (MoU)  
BETWEEN ARYABHATTA RESEARCH INSTITUTE OF  
OBSERVATIONAL SCIENCE (ARIES), NAINITAL AND CENTRAL  
UNIVERSITY OF  
HIMACHAL PRADESH, DHARAMSALA**

This Memorandum of Understanding hereinafter referred to as MoU is signed on this 25th day of June in the year 2021 between the **Aryabhata Research Institute Of Observational Science (ARIES), Nainital**, hereinafter called "ARIES" which expression, unless otherwise provided, shall include its successors and assignees, on the one part and the **Central University of Himachal Pradesh, Dharamshala, District Kangra (Himachal Pradesh)-176215**, hereinafter called "CUHP" which expression, unless otherwise provided, shall include its successor of assignees on the other part.

**1. Preamble:**

1.1 Whereas the Central Council for Indian Medicines and the University Grants Commission (UGC) have realized the need for a close linkage between National Laboratories and Universities in terms of research and academic activities. In compliance to this idea, the Aryabhata Research Institute Of Observational Science (Aries), Nainital, and the Central University of Himachal Pradesh (CUHP), established under the Central Universities Act 2009, have expressed a desire to join hands for the cause of promotion of quality research and high end science and decided to sign Memorandum of Understanding (MOU) to initiate academic and research programmes between the two Institutions in the broad areas of Physics, Astrophysics, Astronomy, Astronomical instrumentations and Atmospheric Sciences as per the following terms and conditions:

  
25/06/21



## **2. Recitals**

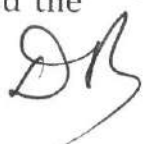
- 2.1 AND WHEREAS both the ARIES and the CUHP recognize that they share common goals and are desirous to establish a cooperative arrangement towards - strengthening Indian higher education and research through mutual resource sharing.
- 2.2 AND WHEREAS both organizations are desirous to associate in all other related areas as may be agreed upon for furtherance of knowledge based enterprises, apt technical and management skill for future technology development, exchanging of information and work towards effective Research Institutions-Academia partnerships for Human Resource Development and R&D.
- 2.3 NOW THE PARTIES (ARIES and CUHP) HEREBY ACKNOWLEDGE AND agree to collaborate on collaborative and joint research work in the various areas of mutual interest by entering into this MoU covering the activities as detailed below:

## **3. Period of MoU and its Extension**

- 3.1 This MoU comes into effect from the date of its signing and will remain in force till the completion of five (05) years. Its validity can be extended by mutual agreement between both the parties.
- 3.2 This MoU supersedes all the previous correspondences and discussions, undertakings and agreement between the two parties on the subject pertaining to this MoU.

## **4. Scope of MoU**

- 4.1 The scope of the MoU will be to collaborate for research and teaching in the designated subjects related to Physics, Astrophysics, Astronomy, Astronomical instrumentations and Atmospheric Sciences. Both the Parties here wish to record the





following main areas of cooperation on mutually agreed terms and conditions.

4.1.1 Mutual sharing of infrastructural facilities for pursuing research and conducting R&D programmes.

4.1.2 Knowledge sharing in the field of subjects related to Physics, Astrophysics, Astronomy, Astronomical instrumentations and Atmospheric Sciences.

---

4.1.3 Exchange of faculty/Research Degree scholar in regular courses and training programmes from both the institutions. For the mutual benefit of the two Institutions, there will be an exchange of faculty members/Research Degree scholars of the concerned school of CUHP.

4.1.4 Collaborative and Joint research projects by the ARIES scientists/FACULTY and faculty members of the concerned schools of CUHP through mutual sharing of the research facilities at ARIES and CUHP.

4.1.5 ARIES and CUHP will work closely to generate appropriately trained manpower in the mutually identified areas of Science & Technology through organization of formal academic curricula, symposia, short-term training courses, etc. TA/DA for scientists and research scholars will be borne by the respective organizations.

4.1.6 Faculty/ P.G./Ph.D. Scholars of one institution may work in the other institution for a short period in connection with their research work. They shall be considered on duty with the parent organisation for that period. TA/DA for scientists



and research scholars will be borne by the respective organizations.

4.1.7 Faculties of one institution will be encouraged to deliver expert lectures/ invited talks at other institutions. In such cases TA/DA will be borne by the host institute. These visits/ training would be performed with the approval of competent authority.

## **4.2 Responsibility of CUHP**

---

4.2.1 CUHP will recognize ARIES as an accredited Centre for supervising and guiding and pursuing research, leading to MPhil/PhD degree in the designated subjects related to Physics, Astrophysics, Astronomy, Astronomical instrumentations and Atmospheric Sciences.

4.2.2 CUHP will recognize ARIES Scientists/Faculty, subject to the fulfilment of eligibility requirements as per the Act, Statutes and Ordinances of the University, as supervisors for guiding research leading to MPhil/PhD degrees.

4.2.3 CUHP will, subject to the fulfilment of eligibility requirements as per the Act, Statutes and Ordinances of the University, confer the status of Adjunct Professor, Adjunct Associate Professor and Adjunct Assistant Professor on ARIES scientists/Faculty depending upon their qualifications and designations, involved in collaborative research and teaching with CUHP.

4.2.4 CUHP shall provide access to Library and research facilities to the Scientists/Faculty and PhD students of ARIES and that they shall be governed by the rules and regulations of





the University as applicable to the faculty and research scholars of the University.

#### **4.3 Responsibility of ARIES**

4.3.1 ARIES shall provide access to its Library and research facilities to the students and faculty members of concerned schools of the CUHP and that they shall be governed by the rules and regulations as applicable to the ARIES Scientists/Faculty.

4.3.2 ARIES will provide summer training, research facilities to students (not more than 10 at a time) and ARIES Scientists/Faculty will help in the preparation of teaching material for these students.

4.3.3 ARIES shall arrange Hostel/Guest House accommodation for Central University of Himachal Pradesh students coming for summer trainings subject to availability of accommodation and in accordance to the guidelines for accommodation charges by ARIES

4.3.4 ARIES Scientists/Faculty recognised by the CUHP as Adjunct Professor, Adjunct Associate Professor and Adjunct Assistant Professor will be permitted to be involved in teaching and evaluation of students' performance in theory as well as practical classes in the CUHP.

#### **4.4 Collaborative Research Degree (MPhil/PhD) Programme**

4.4.1 ARIES and the CUHP shall, subject to their rules and regulations and through mutual consultation, evolve a collaborative Research Degree (MPhil/PhD) programme.

4.4.2 Modalities of the collaborative research degree programme shall be worked out by the two organisations through mutual consultations and with due regard to the Act, Statutes and Ordinances of the CUHP and the rules and regulations governing the ARIES.

4.4.3 The student shall be required to submit 'No Dues Certificate' from the Co-guide from ARIES before submission of thesis.

4.4.4 The student shall submit a copy of his/her thesis to the ARIES Library.

## **5. Areas of Collaborative Research**

5.1 Areas of collaborative research shall be worked out mutually between the two parties keeping in view the research needs and priorities of the two parties and also depending upon the research expertise and research facilities available in the ARIES and the CUHP.

## **6. Co-ordination & Progress Review Committee (CPRC)**

6.1 It is agreed that the progress of this MOU shall be monitored by a Review Committee comprising the Vice-Chancellor of the CUHP and the Director ARIES through periodic meetings.

6.2 Director of the ARIES and Dean of the School concerned from CUHP would be the coordinators for activities under this MoU.

## **7. Financial Terms**

7.1 There shall be no financial obligations on the part of the ARIES and CUHP. Expenditures related to sample preparation, and





experimentation would be borne by respective labs at their own end.

## **8. No Liability Clause**

8.1 ARIES shall not be responsible for any loss or damage whatsoever, resulting due to implementation of any technology at the premises of CUHP or ARIES or due to testing of the same at the premises of CUHP or ARIES

8.2 CUHP shall not be responsible for any loss or damage whatsoever, resulting due to implementation of any technology at the premises of CUHP or ARIES, or due to testing of the same at the premises of CUHP or ARIES

## **9. Confidentiality Clause**

9.1 Both the parties acknowledge the confidentiality of the information, which may be transferred between the parties or obtained or developed during the course of this exchange from time to time as being essential to this MoU and agree not to disclose the same to any third party. However, each party shall be free to disclose this information as is:

9.1.1 In the public domain at the time of disclosure.

9.1.2 Required to be disclosed by official authorities in accordance with applicable law or regulation.

9.2 While the parties agree to co-operate and otherwise act in good faith with the view to the successful implementation, there is no financial binding on either party. This MoU is intended to mutual understanding of the parties hereto as at the date thereof.



- 9.3 Any notice, request or other communication required or permitted to be given under this MoU shall be in writing and shall be delivered in person or by recognized courier service or facsimile, or to the authorized persons of two organisations to be notified separately.
- 9.4 Each of the parties recognizes that the successful implementation of this MOU to the mutual satisfaction and benefit of both the parties will require a significant degree of cooperation and good faith on behalf of both the parties. Each of the parties resolves to act in good faith and in accordance with the spirit of this MOU to implement the provisions in accordance with the mutual desire and in the interests of the parties.
- 9.5 Both the parties undertake not to transfer, for any consideration to be received by it, the know-how/data obtained through this MoU to any other party in any manner whatsoever without prior written approval of each other whether within and beyond the period of this MoU. Both the parties shall take all necessary measures to ensure that the knowledge/data obtained under this MoU is not passed on or disclosed to any third party.
- 9.6 While the parties agree to co-operate and otherwise act in good faith with the view for successful implementation, there is no financial binding on either party. This MoU is intended to mutual understanding of the parties hereto as at the date thereof.

## **10. Publications**

- 10.1 Publications, if any, in respect of the development of the know-how as envisaged with the prior mutual consent of the two parties shall be in the names of the investigators. Prior





publications will be avoided where a patent or patents may possibly be taken.

10.2 Publications, if any, in respect of the said studies will be with the prior mutual consent of ARIES and CUHP and shall be in the names of both the parties suitably acknowledged by ARIES /CUHP.

10.3 Prior publications will be avoided where a patent or patents may possibly be taken.

---

## **11. Protection & Disposition of Ownership of Intellectual Property Rights**

11.1 The ownership of all Background Information and Background Intellectual Property Rights generated by the parties prior to the MoU shall rest with the respective parties. However, parties shall have the right to use such Background Information and Background Intellectual Property Rights for the purposes of the R&D work performed under the MoU.

11.2 All Foreground Information and Foreground Intellectual Property Rights created during the R&D work performed under the MoU shall be owned jointly by the parties.

11.3 Parties to this MoU shall confer and consult each other regarding filing of Intellectual Property Rights applications including patent applications covering Foreground Information and share equally the attendant expenditure related to filing, prosecution, grant, maintenance etc. of the same.



11.4 In the event of any extraordinary situation including infringement suits filed by third parties, parties shall initiate any action in mutual consultation and agreement.

## **12. Patent & Patent Infringement**

12.1 If the know-how developed as a result of a study undertaken under this MoU leads to a patent or patents being taken, the parties hereto shall mutually agree whether or not to apply for a patent/s and if so in which country. Patents taken, if any, will be in joint names of the two parties. The cost of taking out a patent shall be borne by ARIES or CUHP.

12.2 In the event of any claim or action being brought against either party to this MoU alleging infringement of a patent of a third party, the parties hereto shall mutually decide whether to defend the claim or not. The cost of defence against any such claims or action shall be borne by the two parties hereto.

12.3 In the event of patents being filed, out of the research work of a student working at ARIES for MPhil/PhD thesis under the sole supervision of scientist(s) from the ARIES, the CUHP shall have no claim to IPRs.

12.4 In the event of patents being filed, out of the research work of a student working at CUHP for MPhil/PhD thesis under the sole supervision of faculty member(s) of the CUHP, the ARIES shall have no claim to IPRs.

12.5 In the event of a patent being filed, out of the research work of a student working at ARIES for MPhil/PhD thesis under the joint supervision of the scientist(s) and faculty member(s) of the CUHP,





the cost of patenting and any monetary benefits accruing subsequent of filing and maintaining the patents will be shared by ARIES and CUHP on equal basis.

- 12.6 In the event of a patent being filed out of the collaborative research work between the faculty members of CUHP and the scientists of ARIES the cost of patenting and monetary benefits accruing subsequent to filing and maintaining of the patents will be shared by CUHP and ARIES on equal basis.

---

### **13. MoU and its Amendments**

- 13.1 This MoU shall be the principal repository of the terms and conditions agreed to between the parties and no amendment thereof shall take effect or be binding on both the parties unless such amendment is authorized by them and is recorded in writing and signed by the duly authorized representatives of both the parties.

### **14. Termination**

- 14.1 In case it is found by the two parties that the desired objectives cannot be achieved due to any reason(s) whatsoever, this MoU will be treated as terminated by a mutually agreed procedure without any liability on either of the parties.
- 14.2 However the MPhil and PhD students admitted under the collaborative research supervision shall continue to be governed by the same terms and conditions till the completion of their degrees in accordance with the Act, Statutes and Ordinances of the CUHP and the rules and regulations governing the ARIES .

## **15. Force Majeure**

15.1 Neither party shall be held responsible for non-fulfillment of their respective obligation under this MoU due to the exigency of one or more of the force majeure events, such as, but not limited to Acts of God, War, Flood, Earthquakes, Strike(s), Lockout(s), Epidemics, Riots, Civil commotion etc provided on occurrence and cessation of such events, the party affected by these shall give a notice in writing to the other party within one month of such occurrence and cessation. If the majeure conditions continue beyond six months, the parties shall then mutually decide about the future course of action.

## **16. Arbitration**

16.1 Except as otherwise provided elsewhere in the MoU, in the event of any dispute or difference relating to, arising from or connected with the MoU such dispute or difference shall be resolved between the parties by mutual consultation and to the satisfaction of both the parties.

16.2 If amicable settlement cannot be reached within 30 days from the date of the occurrence of the dispute, the matter under dispute shall be finally settled without recourse to the courts, in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and amendments thereto, if any.

16.3 The Arbitration shall be conducted by the Arbitrator(s) appointed by the mutual consent of both the parties in accordance with the Rules of the said Act. The arbitral award shall be final and binding. The arbitration proceedings shall be held at Dharamshala.





## 17. Hold Harmless

17.1 The ARIES agrees to hold CUHP harmless from any claim or damages arising from the ARIES's performance of work under this contract. ARIES shall also hold CUHP harmless without any limitation from any claims or damages raised or damages suffered by the ARIES.

17.2 The CUHP agrees to hold ARIES harmless from any claim or damages arising from the CUHP's performance of work under this contract. CUHP shall also hold ARIES harmless without any limitation from any claims or damages raised or damages suffered by the CUHP.

IN WITNESS WHEREOF, the Parties hereto have duly executed this MOU on 25th day of June year Two Thousand and Twenty one.

  
25/06/21

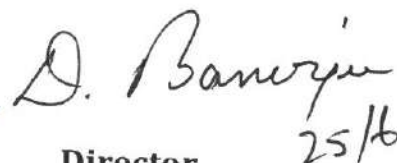
**REGISTRAR**

Central University of  
Himachal Pradesh  
Dharamshala, H.P.

  
25/6/2021

**VICE-CHANCELLOR**

Central University of  
Himachal Pradesh  
Dharamshala, H.P.

  
25/6/21

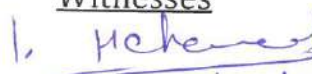
**Director**

Aryabhatta Research  
Institute of Observational  
Science (ARIES), Nainital

**Director**

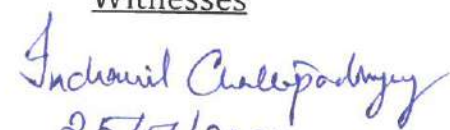
Aryabhatta Research Institute Of  
Observational Sciences (ARIES)  
(Under Department of Science & Technology)

Witnesses

1.   
25/06/2021

2.   
25/6/2021

Witnesses

  
25/06/2021

[INDRANIL CHATTOPADHYAY]  
CHAIRPERSON, ACADEMIC COMMITTEE  
ARIES.

**Activities under MoU of ARIES and CUHP:**

SN	Activities	Relevant documents
1.	<p>Visit of ARIES, Vibhore Nagi, research student ARIES during 5 September 2021-04 November 2021:</p> <p>Summary: This visit was essential for in person discussion on research work and future collaboration. The student was hosted by DPAS in our astronomy lab and the work resulted in MNRAS paper, having impact factor 4.8, where hospitality of CUHP has been acknowledged.</p>	<p>(i) Invitation letter (ii) Paper published in MNRAS (IF=4.8), and CUHP hospitality acknowledged</p>
2.	<p>Visit of ARIES, Vivek Jha, research student ARIES during September 2021-February 2022:</p> <p>Summary: This visit was essential for in person discussion on research work and future collaboration. Visit resulted in MNRAS paper, having impact factor 4.8, where hospitality of CUHP has been acknowledged.</p>	<p>Paper published in MNRAS (IF =4.8), and CUHP hospitality acknowledged</p>
3.	<p>Visit of Prof. Brijesh Kumar to CUHP 2-4 March 2022.</p> <p>Summary: Prof. Brijesh Kumar's visit was supported by CUHP. (i) Prof. Brijesh Kumar evaluated our BSc and MSc astronomy students and give various practical feedback. (ii) Prof. Brijesh Kumar also took part in a site selection survey for the proposed 1m-telescope with the help of ISRO, being the leading expert in this field in the country. It resulted in a detailed report. Out of the 4 sites examined by the experts, one site at Kadiana/Jandragal has been selected for characterisation based on astronomical observations.</p>	<p>(i) Invite for Prof. Brijesh Kumar (ii) Site selection details reports.</p>
4	<p>Visit of Prof. Hum Chand to ARIES 17-20 October 2022:</p> <p>Summary: Invited to attend 50 years Golden Jubilee Celebration of 104cm Sampurnanand Optical Telescope and give</p>	<p>(i) Invited lecture delivered. <a href="https://aries.res.in/50_years_of_ST/program.php">https://aries.res.in/50_years_of_ST/program.php</a></p>



	<p>invited talk on the workshop Role of Meter-class Telescopes in Modern Day Astronomy 17-19 October 2022, ARIES, Manora Peak, Nainital ARIES Nainital. One more day kept reserve related to the administrative formality of thesis submission of my ARIES Ph.D student Mr. Vibhore Nagi.</p> <p>In addition, collaboration is set with ARIES atmospheric group to carryout the cloud coverage analysis of CUHP-ISRO site based on satellite data (invitation attached).</p>	<p>(ii) Invitation letter, to set up collaboration with ARIES atmospheric group to carryout the cloud coverage analysis of CUHP-ISRO site based on satellite data</p>
5.	<p>Visit of Prof. Hum Chand to ARIES first two week of May 2022: Summary: The visit was fully supported by ARIES for collaborative work on 4m-International Liquid Mirror Telescope. The main activity carried out were (1) Provide us with your input on the ongoing commissioning of the first light of 4m-ILMT at Devsthal based on discussion with our Belgium and Canadian partner.</p> <p>2. Reviews and sets goals for the automation of a 1.3m telescope, in association with the PI of the Candian partnership of ILMT, Prof. Paul Hickson, who is visiting ARIES till mid-May 2022.</p> <p>(3) Discuss the various technical aspects with our Engineer/scientist that you may require for setting up the 1m-class telescope, which ARIES, as well as your university, has undertaken with support from ISRO.</p>	<p>(i) Invitation letter attached</p>
6.	<p>Involvement with ARIES telescope activities: Prof. Hum Chand is also a key member of Devasthal observatory Operation Maintenance and upgradation national committee member, and regularly took part in various review meetings of this National facility.</p>	<p>(i) Second DOMU meeting agenda/details attached.</p>

7.	<p><b><u><a href="#">Glimpse into the Heart of Quasars: Using Light Echoes as a Tool</a></u></b></p> <p>February 03, 2022</p> <p>Seminar Talk, Seminar Hall Sahpur HP, Dharamshala, Central University of Himachal Pradesh</p> <p><u><a href="#">Speaker: Mr. Vivek Kumar Jha (Ph.D. Research Scholar ARIES)</a></u></p>	<p><u><a href="#">YouTube Video of talk here</a></u></p>
8	<p><b><u><a href="#">Variability of our nearest star, the Sun, and its impact on our life</a></u></b></p> <p>January 28, 2022</p> <p>Foundation week Talk, Online zoom, Dharamshala, Central University of Himachal Pradesh</p> <p><u><a href="#">Speaker: Prof. Dipankar (Director ARIES)</a></u></p>	<p><u><a href="#">YouTube Video of talk here</a></u> and the <u><a href="#">Report with more information here.</a></u></p>





Hum Chand &lt;humchand@hpcu.ac.in&gt;

---

**Invitation to visit CUHP from 05 September to 04 November 2021 for research work related to your Ph.D thesis.**

1 message

---

**Hum Chand** <humchand@hpcu.ac.in>

Fri, Aug 27, 2021 at 6:02 PM

To: vibhore@aries.res.in, Vibhore Negi &lt;vibhore.negi18@gmail.com&gt;

To,  
Mr. Vibhore Negi  
ARIES, Nainital

**Sub:** Invitation to visit CUHP from 05 September to 04 November 2021 for research work related to your Ph.D thesis.

**Dear Mr. Vibhore Negi,**

We would like to invite you to visit Central University of Himachal Pradesh (CUHP) from 05 September to 04 November 2021 for research work related to your Ph.D thesis.

Unfortunately, somehow we are unable to offer any financial support, still, I hope that you will be able to visit CUHP during the stated period.

Looking forward to your visit.

Yours Sincerely

--

Hum Chand  
Dean, School of Physical and Material Sciences  
Head, Professor, Department of Physics and Astronomical Sciences,

Central University of Himachal Pradesh (CUHP),  
Temporary Academic Block, Shahpur,  
Kangra, Himachal Pradesh, India. Pin-176206.  
Mobile: 6396937743 / 9760154111  
email: [humchand@hpcu.ac.in](mailto:humchand@hpcu.ac.in) & [humchand@gmail.com](mailto:humchand@gmail.com)  
webpage: <http://old.aries.res.in/~hum/> or [at this](#)  
skype: hum\_aries

**invitee\_vibhore\_pdf\_signed.pdf**

419K

# हिमाचल प्रदेश केंद्रीय विश्वविद्यालय Central University of Himachal Pradesh

(Established under Central Universities Act 2009)

अस्थायी शैक्षणिक खण्ड, शाहपुर, जिला कांगड़ा, हिमाचल प्रदेश - 176206

Temporary Academic Block, Shahpur, Distt. Kangra (HP) - 176206

Website: [www.cuhimachal.ac.in](http://www.cuhimachal.ac.in)



Dated: 27/08/2021

To,  
Mr. Vibhore Negi  
ARIES, Nainital

**Sub:** Invitation to visit CUHP from 05 September to 04 November 2021 for research work related to your Ph.D thesis.

**Dear Mr. Vibhore Negi,**

We would like to invite you to visit Central University of Himachal Pradesh (CUHP) from 05 September to 04 November 2021 for research work related to your Ph.D thesis.

Unfortunately, somehow we are unable to offer any financial support, still I hope that you will be able to visit CUHP during the stated period.

Looking forward to your visit.

Yours Sincerely

(Hum Chand)

--

Hum Chand

Dean, School of Physical and Material Sciences

Professor & Head Department of Physics and Astronomical Sciences,

Central University of Himachal Pradesh (CUHP),

Temporary Academic Block, Shahpur,

Kangra, Himachal Pradesh, India. Pin-176206.

Mobile: 6396937743 / 9760154111

email: [humchand@gmail.com](mailto:humchand@gmail.com)

webpage: <http://old.aries.res.in/~hum/> or [at this](#)

skype: hum\_aries



# Optical flux and colour variability of blazars in the ZTF survey

Vibhore Negi<sup>1</sup>,<sup>1,2</sup>★ Ravi Joshi<sup>3</sup>,<sup>3,4</sup>★ Krishan Chand<sup>5</sup>,<sup>1,5</sup> Hum Chand,<sup>1,6</sup> Paul Wiita,<sup>7</sup> Luis C. Ho<sup>4,8</sup> and Ravi S. Singh<sup>2</sup>

<sup>1</sup>Aryabhata Research Institute of Observational Sciences (ARIES), Manora Peak, Nainital 263002, India

<sup>2</sup>Department of Physics, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur 273009, India

<sup>3</sup>Indian Institute of Astrophysics, Koramangla, Bangalore 560034, India

<sup>4</sup>Kavli Institute for Astronomy and Astrophysics, Peking University, Beijing 100871, China

<sup>5</sup>Kumaun University, Nainital 263002, India

<sup>6</sup>Department of Physics and Astronomical Sciences, Central University of Himachal Pradesh (CUHP), Dharamshala 176215, India

<sup>7</sup>Department of Physics, The College of New Jersey, PO Box 7718, Ewing, NJ 08628-0718, USA

<sup>8</sup>Department of Astronomy, School of Physics, Peking University, Beijing 100871, China

Accepted 2021 November 30. Received 2021 November 27; in original form 2021 October 8

## ABSTRACT

We investigate the temporal and colour variability of 897 blazars, comprising 455 BL Lacertae objects (BL Lacs) and 442 Flat Spectrum Radio Quasars (FSRQs), selected from the Roma-BZCAT catalogue, using the multiband light curves from the Zwicky Transient Facility (ZTF DR6) survey. Assessing the colour variability characteristics over  $\sim 2$  yr time-scales, we found that 18.5 per cent (84 out of 455) BL Lacs showed a stronger bluer-when-brighter (BWB) trend, whereas 9.0 per cent (41 out of 455) showed a redder-when-brighter (RWB) trend. The majority (70 per cent) of the BL Lacs showing RWB are host galaxy dominated. For the FSRQ subclass, 10.2 per cent (45 out of 442) objects showed a strong BWB trend and 17.6 per cent (78 out of 442) showed a strong RWB trend. Hence, we find that BL Lacs more commonly follow a BWB trend than do FSRQs. This can be attributed to the more dominant jet emission in the case of BL Lacs and the contribution of thermal emission from the accretion disc for FSRQs. In analysing the colour behaviour on shorter time windows, we find many blazars evince shorter partial trends of BWB or RWB nature (or occasionally both). Some of such complex colour behaviours observed in the colour–magnitude diagrams of the blazars may result from transitions between the jet-dominated state and the disc-dominated state and vice versa.

**Key words:** galaxies: active – BL Lacertae objects: general – galaxies: jets – quasars: general.

## 1 INTRODUCTION

Blazars are a special subclass of active galactic nuclei (AGNs), possessing a relativistic jet directed close to the observer’s line of sight (Blandford & Rees 1978; Urry & Padovani 1995). The blazars emit in a very wide range of wavelengths from radio to gamma-ray bands and show violent variability on diverse time-scales ranging from minutes to years (e.g. Hufnagel & Bregman 1992). Their spectral energy distributions (SEDs) are characterized by non-thermal continuum spectra consisting of two components: a low-energy component peaking anywhere from infrared to X-ray frequencies and a high-energy component peaking at frequencies from hard X-rays to TeV gamma-rays. The low-energy component is attributed to the synchrotron radiation emitted by relativistic electrons in the jets (Urry & Mushotzky 1982). While the origin of the high-energy component is not fully understood, it is commonly thought to be due to the inverse-Compton scattering of soft photons by the same relativistic electrons (e.g. Dermer, Schlickeiser & Mastichiadis 1992; Sikora, Begelman & Rees 1994).

Blazars are broadly classified into two categories: BL Lacertae objects (BL Lacs) and flat spectrum radio quasars (FSRQs) (Angel & Stockman 1980), based on the rest-frame equivalent widths (EWs) in their spectra being  $< 5 \text{ \AA}$  and  $> 5 \text{ \AA}$ , respectively (e.g. Ghisellini et al. 2011). BL Lacs are further classified into three subcategories depending on the peak frequency of their synchrotron emission: high-, intermediate-, and low-energy peaked BL Lac objects (HBL, IBL, and LBL). The peak frequencies for HBLs, IBLs, and LBLs lie higher than, around, and lower than the optical band, respectively.

The study of blazar variability is an important tool that provides valuable information about their nature. The optical variability of blazars has been a topic of intensive research since their discovery as it affords a unique perspective on accretion disc and jet physics (Wagner & Witzel 1995; Ghosh et al. 2000; Villata et al. 2004; Gupta et al. 2008; Rani et al. 2010; Gu & Ai 2011; Ikejiri et al. 2011; Bonning et al. 2012; Mao & Zhang 2016). In particular, optical brightness variations in blazars are often accompanied by spectral variations that can be revealed by the colour–magnitude (or spectral index–magnitude) correlations (e.g. Ciprini et al. 2003). The analysis of spectral variability is of special interest in the sense that it might constrain the origin of corresponding brightness variations, even when restricted to the optical band (Vagnetti, Trevese & Nesci 2003).

\* E-mail: [vibhore@aries.res.in](mailto:vibhore@aries.res.in) (VN); [vibhore.negi18@gmail.com](mailto:vibhore.negi18@gmail.com) (VN); [rvjoshirv@gmail.com](mailto:rvjoshirv@gmail.com) (RJ)



# Accretion disc sizes from continuum reverberation mapping of AGN selected from the ZTF survey

Vivek Kumar Jha<sup>1,2,3,4,5</sup>\*, Ravi Joshi<sup>1,2,3,4,5</sup>\*, Hum Chand<sup>5</sup>, Xue-Bing Wu<sup>4,6</sup>, Luis C. Ho<sup>4,6</sup>,  
Shantanu Rastogi<sup>2</sup> and Qinchun Ma<sup>4,6</sup>

<sup>1</sup>Aryabhatta Research Institute of observational sciences, Nainital 263002, India

<sup>2</sup>Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur 273009, India

<sup>3</sup>Indian Institute of Astrophysics, Koramangla, Bangalore 560034, India

<sup>4</sup>Kavli Institute for Astronomy and Astrophysics, Peking University, Beijing 100871, China

<sup>5</sup>Central University of Himachal Pradesh, Dharamshala 176215, India

<sup>6</sup>Department of Astronomy, School of Physics, Peking University, Beijing 100871, China

Accepted 2022 January 11. Received 2022 January 11; in original form 2021 September 10

## ABSTRACT

We present the accretion disc-size estimates for a sample of 19 active galactic nuclei (AGNs) using the optical  $g$ -,  $r$ -, and  $i$ -band light curves obtained from the Zwicky Transient Facility survey. All the AGNs have reliable supermassive black hole (SMBH) mass estimates based on previous reverberation mapping measurements. The multiband light curves are cross-correlated, and the reverberation lag is estimated using the Interpolated Cross-Correlation Function method and the Bayesian method using the JAVELIN code. As expected from the disc-reprocessing arguments, the  $g - r$  band lags are shorter than the  $g - i$  band lags for this sample. The interband lags for all, but five sources, are larger than the sizes predicted from the standard Shakura Sunyaev (SS) analytical model. We fit the light curves directly using a thin disc model implemented through the JAVELIN code to get the accretion disc sizes. The disc sizes obtained using this model are on an average 3.9 times larger than the prediction based on the SS disc model. We find a weak correlation between the disc sizes and the known physical parameters, namely the luminosity and the SMBH mass. In the near future, a large sample of AGNs covering broader ranges of luminosity and SMBH mass from large photometric surveys would be helpful in a better understanding of the structure and physics of the accretion disc.

**Key words:** accretion, accretion discs – galaxies: active – galaxies: nuclei – galaxies: Seyfert – quasars: supermassive black holes.

## 1 INTRODUCTION

Accretion discs in active galactic nuclei (AGNs) form as a result of inflowing matter on to the central supermassive black hole (SMBH) (Salpeter 1964; Lynden-Bell 1969). Various accretion disc models have been proposed ranging from the standard Shakura Sunyaev (SS) disc (Shakura & Sunyaev 1973), the slim disc (Abramowicz et al. 1988) to more complicated models like the advection dominated accretion disc presented by Narayan & Yi (1995), and the relativistic accretion disc around a Kerr black hole presented by Li et al. (2005). Based on these models, the accretion disc has a temperature profile, with higher temperatures in the inner regions and decreasing temperatures in the outer regions. The growing observational shreds of evidence suggest that the X-ray emission in the innermost regions of the AGN accretion disc is reprocessed as the ultraviolet (UV)/optical continuum flux. Further, the rapid X-ray variability and relative strength of the hard X-ray component point towards the presence of a corona in the proximity of the SMBH, which irradiates the accretion disc. However, the exact size and structure of this corona are not known precisely (e.g. see Meyer-Hofmeister, Liu & Qiao 2017; Arcodia et al. 2019; Sun et al. 2020).

According to the standard SS disc model, the effective temperature  $T$  at a particular location in the accretion disc  $R_{\text{disc}}$  is related to the disc size and the SMBH mass as follows:

$$T(R_{\text{disc}}) = \left( \frac{3GM_{\text{BH}}\dot{M}}{8\pi\sigma(R_{\text{disc}})^3} \right)^{1/4}, \quad (1)$$

where  $\sigma$  denotes the Stefan–Boltzmann constant and  $G$  and  $\dot{M}$  represent the gravitational constant and the mass accretion rate, respectively. As is evident from this equation, the accretion disc-size ( $R$ ) scales inversely with the temperature ( $T$ ) by a power-law index of  $4/3$ .

The photon wavelength ( $\lambda_0$ ) at a particular disc radius is related to the temperature by Wein's law. The size of the accretion disc at the wavelength  $\lambda_0$  can be determined by two observable parameters, the SMBH mass and the mass accretion rate. The radiation from the accretion disc is assumed to be composed of multiple blackbodies, and the disc sizes at various wavelengths can be calculated using the equation below:

$$R_\lambda = R_{\lambda_0} \left[ \left( \frac{\lambda}{\lambda_0} \right)^\beta \right]. \quad (2)$$

Here,  $R_{\lambda_0}$  is the disc size at a reference wavelength  $\lambda_0$  and  $\beta$  is  $4/3 = 1.33$  for the standard SS disc. The temperature profile of the

\* E-mail: [vivekjha.aries@gmail.com](mailto:vivekjha.aries@gmail.com) (VKJ); [rvjoshirv@gmail.com](mailto:rvjoshirv@gmail.com) (RJ)



Hum Chand &lt;humchand@hpcu.ac.in&gt;

## 17-19 Oct 2022 : Program for 104cm Sampurnanand Telescope Golden Jubilee Workshop

astronomy.div@aries.res.in &lt;astronomy.div@aries.res.in&gt;

Sun, Oct 2, 2022 at 6:38 AM

To: aayushiverma@aries.res.in, akk@iucaa.in, alaxender@aries.res.in, alok@aries.res.in, alokdurgapal@gmail.com, amar@aries.res.in, Amit Kumar <amitor@aries.res.in>, aomar@aries.res.in, apara phy <apara.phy@ddugu.ac.in>, aparatrip@gmail.com, archana soam <archana.soam@iiap.res.in>, ariessanjeev@gmail.com, arti joshi <arti.joshi@iiap.res.in>, arvind@aries.res.in, ashish@aries.res.in, ashok@prl.res.in, ashoknagarhalli@gmail.com, ashwani pandey <ashwani.pandey@iiap.res.in>, ashwanitapan@gmail.com, bangia@aries.res.in, basant sanwal <basant.sanwal@gmail.com>, bcb@iiap.res.in, bhatnagar ashok <bhatnagar.ashok@gmail.com>, bhavya@aries.res.in, bimanjmedhi@gmail.com, brajesh@aries.res.in, brij@aries.res.in, chandra@aries.res.in, chhavi@vihg.res.in, chrisphin karthick <chrisphin.karthick@iiap.res.in>, devendra bisht <devendra.bisht@iiap.res.in>, devendrabisht297@gmail.com, dhiman@aries.res.in, dimple@aries.res.in, dipankar@iucaa.in, dipu@aries.res.in, dr ramkumar srivastava <dr.ramkumar.srivastava@gmail.com>, dr u s chaubey <dr.u.s.chaubey@gmail.com>, ektasharma astro <ektasharma.astro@gmail.com>, Eswaraiah Chakali <eswaraiahc@iisertirupati.ac.in>, geeta rangwal <geeta.rangwal@iiap.res.in>, gopaltani@gmail.com, haritma@aries.res.in, harmeenka kaur229 <harmeenka.kaur229@gmail.com>, hpsingh du <hpsingh.du@gmail.com>, humchand@gmail.com, indranil@aries.res.in, Jagdish Chandra Joshi <jagdish@aries.res.in>, jai p chaturvedi <jai.p.chaturvedi@gmail.com>, jay@aries.res.in, jayanand@aries.res.in, jayanandbhu107@gmail.com, jbsrivastava@gmail.com, jeewan@aries.res.in, jpcneelam@gmail.com, krigo1161@gmail.com, krishan@aries.res.in, krishnareddy@aries.res.in, kshiitiz@gmail.com, kumar@aries.res.in, kuntal@aries.res.in, maheswar g <maheswar.g@iiap.res.in>, maheswar gn <maheswar.gn@gmail.com>, manash@prl.res.in, mayank4919@gmail.com, mohit@aries.res.in, mridweeka singh <mridweeka.singh@iiap.res.in>, mukesh@aries.res.in, namita@prl.res.in, nandish@aries.res.in, ndukiya@aries.res.in, neelam@aries.res.in, Neha Sharma <neha18@aries.res.in>, nikita@aries.res.in, ojha@tifr.res.in, physicssehrawat@gmail.com, proskp@gmail.com, pskumar60@gmail.com, rahul@aries.res.in, ram sagar0 <ram\_sagar0@yahoo.co.in>, ramkeshyadav2005@gmail.com, ravi joshi <ravi.joshi@iiap.res.in>, rck@iiap.res.in, rckapoor@outlook.com, rkant@aries.res.in, rupakroy1980@gmail.com, rvjoshirv@gmail.com, samaresh@aries.res.in, sanjit@aries.res.in, santosh@aries.res.in, saurabh@aries.res.in, seetha@rri.res.in, shashi@aries.res.in, shivangipandey@aries.res.in, shobhit@aries.res.in, skmondal@gmail.com, skp@iucaa.in, sneh@aries.res.in, ssingh@aries.res.in, stalin@iiap.res.in, Suvendu Rakshit <suvendu@aries.res.in>, ucjoshi1950@gmail.com, uschau54@gmail.com, Vaibhav Pant <vaibhav.pant@aries.res.in>, venseetha@gmail.com, vibhore@aries.res.in, vinod pdr83 <vinod.pdr83@gmail.com>, Virendra Yadav <virendra@aries.res.in>, wahab@aries.res.in, yashasvi04@gmail.com, yogesh@aries.res.in

Dear Registered Participants,

Greetings from ARIES.

We attach with this email the scientific program for the 3-day workshop on "Role of Meter-class Telescopes in Modern Day Astronomy", to be held during 17-19 October 2022 at ARIES Manora Peak, Nainital.

Oral Talks :

By going through the program, you may know that each session (~1.5hr) have been chosen around a theme and the talks are expected to cover an overview of the work, current trends in the field and potential topics for future research with 104cm Sampurnanand Telescope in particular and meter-class optical telescopes in general.

While making the program, the SOC has not been able to accommodate many participants who expressed willingness to deliver a talk on the topic of their interest. We, therefore, request such participants to prepare a couple of slides and email it to the Session Coordinators as given below so that the slides can be included by the speaker(s) of that Session.

Session | Coordinator



Impact of 104cm ST on growth of Astronomy | Brijesh Kumar ([brij@aries.res.in](mailto:brij@aries.res.in))  
Star formation and star cluster - I | Saurabh ([saurabh@aries.res.in](mailto:saurabh@aries.res.in))  
Star formation and star cluster - II | Ramakant Yadav ([rkant@aries.res.in](mailto:rkant@aries.res.in))  
Stellar Polarimetry | J C Pandey ([jeewan@aries.res.in](mailto:jeewan@aries.res.in))  
Stellar variability | Santosh Joshi ([santosh@aries.res.in](mailto:santosh@aries.res.in))  
High-energy Transient Phenomena | S B Pandey ([shashi@aries.res.in](mailto:shashi@aries.res.in))  
Galaxies and active-galactic nuclei | Suwendu Rakshit ([suwendu@aries.res.in](mailto:suwendu@aries.res.in))  
Engineering upgradations | T S Kumar ([kumar@aries.res.in](mailto:kumar@aries.res.in))  
Future instrumentation | Amitesh Omar ([aomar@aries.res.in](mailto:aomar@aries.res.in))

Posters:

The LOC has made a provision to display posters during the workshop and the participants preparing poster can email a copy of the PDF file to [astronomy-div@aries.res.in](mailto:astronomy-div@aries.res.in) at the latest by 10th October'2022 for its printing at ARIES.

Any change in the program will be uploaded on the workshop webpage.

Kind regards,

Brijesh Kumar

For Astronomy Division  
and On behalf of SOC



**program-104cm-ST-workshop.pdf**

72K



# हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय Central University of Himachal Pradesh

(Established under Central Universities Act 2009)

शाहपुर परिसर , ज़िला काँगड़ा, हिमाचल प्रदेश -176206

Shahpur Campus, Distt. Kangra (HP) - 176206

Website: [www.cuhimachal.ac.in](http://www.cuhimachal.ac.in).



File. No. PMS/1-1/CUHP/2012/STAR/1

Date: 22-01-2022

To

Prof. Dipankar Banerjee,  
Director ARIES  
Nainital

Dear Prof. Dipankar Banerjee,

On behalf of the Department of “Physics and Astronomical Science” and “Chandra-Science Technology and Astronomy Realisation Club (Chandra-STAR club)” we are honored to invite you to speak at the annual Central University of Himachal Pradesh (CUHP) foundation week. The event is scheduled from 22 January to 26 January 2022. I will be in online mode over zoom due to the ongoing COVID-19 Pandemic.

The CUHP foundation week event, is a full week ongoing program being curated by CUHP in each department, with an audience of about 100-200 our department consisting of mainly BSc-Physics, MSc Physics, PhD and all the faculty of Physics and astronomical sciences, beside also opening it to any other interested CUHP members. The majority of the audience will be without an astronomy background so our broad goal with this public talk will be to share the excitement of our Sun-Earth system and the Universe with the students and faculty members of the university. Also your discussion on the upcoming opportunity in space science in this golden era of mega-astronomy upcoming projects will be a great addition to our event.

We believe your voice would be a critical addition to the CUHP foundation week event and will also strengthen academic activities of CUHP and ARIES under our mutual MoU.

In view of your busy schedule we can accommodate your talk as per your time suitability, though for maximal benefit of the audience we will appreciate it if you can deliver it on 25th Jan 2022 at 3:30-4:30pm (about an hour to 1.5hr duration).

We look forward to your confirmation along with the title and abstract so as to make event flyers along with a zoom link for circulation accordingly.

Thank you in advance for your consideration, and we very much look forward to hearing from you.

Your Sincerely

(Hum Chand)

--

Hum Chand

Dean, School of Physical and Material Sciences

Head, Professor, Department of Physics and Astronomical Sciences,

Central University of Himachal Pradesh (CUHP),

Temporary Academic Block, Shahpur,

Kangra, Himachal Pradesh, India. Pin-176206.

Mobile: 6396937743 / 9760154111

email: [humchand@hpcu.ac.in](mailto:humchand@hpcu.ac.in) & [humchand@gmail.com](mailto:humchand@gmail.com)

webpage: <https://humchand.in/> <http://old.aries.res.in/~hum/> or [at this](#)

skype: hum\_aries



To Mark the **Foundation Week** Celebrations of the

**Central University of Himachal Pradesh**

**Department of Physics and Astronomical Science**

*is organising an invited lecture on*



## Variability of our nearest star the Sun and its impact on our life

Presided by:  
**Prof. S. P. Bansal**  
Hon'ble Vice Chancellor (CUHP)

Speaker:  
**Prof. Dipankar Banerjee**  
Director, Aryabhata Research Institute  
Observational Sciences (ARIES)



Prof. A. K. Mahajan  
Co-ordinator, Foundation Week  
Lecture Series (CUHP)



Prof. Vishal Sood  
Registrar, CUHP

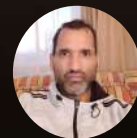


Prof. Pardeep Kumar  
Dean Students' Welfare, CUHP

**Time: 3:30 PM to 5:00PM**  
**28-Jan-2022**  
**Venue: Online (Zoom)**  
**Meeting ID: 844 1994 6626**  
**Password: 671102**

[Click to Join](#)

Prof. Hum Chand  
Dean, School of Physical  
and Material Sciences  
& Head DPAS



Moderator:  
Prof. B. C Chauhan  
Professor, DPAS



To,

Dated: 12/10/2022

Prof. Hum Chand

Department of Physics and Astronomical Science,

CUHP, Dharamshala (H.P.)

**Subject:** Invitation for the discussion on atmospheric parameters in context to the installation of a telescope in H.P.

Dear Prof. Hum,

I am happy to send you this invitation to visit ARIES Nainital, to review and set goals for our ongoing collaboration on the extraction of satellite based weather parameters as needed for your site characterisation to set up CUHP-ISRO 1m-optical telescope. However, we can also discuss other areas of mutual interest for new projects in a collaborative approach. Our institute will be happy to provide local hospitality for the duration of your stay at ARIES. While you are here, we would request you to deliver a talk on your 'recent research work on based on 1m class telescope'. We shall discuss various aspects of the task that your university has undertaken with support from ISRO for the construction of a 1-m optical telescope.

As agreed on mutual convenience, I shall be available during 17-20 Oct 2022, and will suit for our team here as well. You may plan your visit accordingly. Looking forward to see you at ARIES.

Thanks and regards,



(Dr. Narendra Singh)

Scientist-E



Hum Chand &lt;humchand@hpcu.ac.in&gt;

---

**Invitation to visit ARIES**

8 messages

**Director ARIES (Dipankar Banerjee)** <directoraries@aries.res.in>

Wed, Apr 27, 2022 at 3:30 PM

To: humchand@hpcu.ac.in

Cc: Praveen Solanki &lt;p.solanki@aries.res.in&gt;, Brijesh Kumar &lt;brij@aries.res.in&gt;, kuntal@aries.res.in

Dear Hum Chand,

I am happy to send you this invitation to visit the Aryabhata Research Institute of Observational Sciences (ARIES), Nainital for two weeks in the month of May 2022 to review and set goals for our ongoing collaboration on extragalactic astronomy. We can also discuss areas of mutual interest between ARIES and CUHP, for new projects related to the 4m International Liquid Mirror Telescope which will see its first light image in the first week of May 2022.

Our Institute will be happy to take care of all aspects of hospitality for the duration of your stay. While you are here, we would also request you to:

(1) Provide us with your input on the ongoing commissioning of the first light of 4m-ILMT at Devsthal based on discussion with our Belgium and Canadian partner.

2. Reviews and sets goals for the automation of a 1.3m telescope, in association with the PI of the Canadian partnership of ILMT, Prof. Paul Hickson, who is visiting ARIES till mid-May 2022.

(3) Discuss the various technical aspect with our Engineer/scientist, that you may require for setting up the 1m-class telescope, which ARIES, as well as your university, has undertaken with support from ISRO.

(4) Give us a seminar talk on your recent research work especially relevant for the extragalactic Ph.D. students of our Institute.

Our 4m-ILMT partners from Belgium and Canada are likely to be at ARIES till mid-May 2022, so will encourage you to have your visit stay overlapping with this duration. Please let us know the exact dates of your visit once you finalize it.

We look forward to fruitful discussions during your time here.

With regards,  
Dipankar

-----  
Prof. (Dr.) Dipankar Banerjee, FASc, FNASc  
Director, Aryabhata Research Institute of Observational Sciences (ARIES)  
An autonomous research institute under DST, Government of India  
Manora peak, Nainital-263 001, Uttarakhand, India  
Phones: +91 5942235136 (O), +91 9448908461 (GSM)  
Fax- +91 5942233439

**Brijesh Kumar** <brij@aries.res.in>  
To: humchand@hpcu.ac.in  
Cc: Kuntal Misra <kuntal@aries.res.in>

Wed, Apr 27, 2022 at 4:13 PM

Hi Hum,

Welcome. Let us know your itinerary.

Thanks  
Brijesh  
[Quoted text hidden]

--  
Brijesh Kumar

---

**Hum Chand** <humchand@hpcu.ac.in>  
To: Brijesh Kumar <brij@aries.res.in>  
Cc: Kuntal Misra <kuntal@aries.res.in>

Wed, Apr 27, 2022 at 4:21 PM

Thanks Brijesh and Kuntal,

The plan is 2nd May-17 May (by the Jammu train which runs only weekly). During this time the mid-term exam is happening so I found it suitable.

I have applied to the duty leave, waiting for response, and then will accordingly fix the dates and formally reply.

rest later  
regards  
Hum Chand

[Quoted text hidden]

--  
Hum Chand  
Professor, Department of Physics and Astronomical Sciences,  
Dean, School of Physical and Material Sciences  
Central University of Himachal Pradesh (CUHP),  
Academic Block, Shahpur,  
Kangra, Himachal Pradesh, India. Pin-176206.  
Mobile: 6396937743 / 9760154111  
email: [humchand@hpcu.ac.in](mailto:humchand@hpcu.ac.in) & [humchand@gmail.com](mailto:humchand@gmail.com)  
webpage: <https://humchand.in/> or at this  
skype: hum\_aries

---

**Hum Chand** <humchand@hpcu.ac.in>  
To: "Professor S.P. Bansal" <vc@hpcu.ac.in>  
Cc: Registrar Central University of Himachal Pradesh <registrar@hpcu.ac.in>, Hum Chand <humchand@hpcu.ac.in>, "Prof. B. C. Chauhan" <bcawake@hpcu.ac.in>, HOD Physics & Astronomical Science <hod\_phy@hpcu.ac.in>

Thu, Apr 28, 2022 at 3:31 PM

Respected Sir,

May I request you to allow me duty leave to visit ARIES with which we have MoU. In brief this visit will be highly benefited as it will allow me:

- (i) to take feedback for our planned 1m- ISRO -CUHP telescope by discussing various logistics aspects we need for site characterization such as preparing the drawing of the experimental structure etc
- (ii) to give feedback on the 4m-International liquid mirror telescope for which I was PI from Indian side and now Belgium and Canadian partner are at the site (till mid of May 2022) for first sky image.
- (iii) The duration is ideally suited without affecting the teaching work due to ongoing midterm exam in next two week,

All the expenditure of the visit will come from ARIES so there is no financial requirement for this visit from the CUHP



side.

I have also applied in samarth portatal as well with all the details and documents. Prof. Bhag Chand Chauhan has kindly agreed to take the responsibility of my duty as dean during my duty leave.

I plan to go by Sunday night (1am on 2/5/2022) and return by 18/05/2022 (7am) (amounting 10 working days excluding holidays) from the Pathankot direct train which is available only weekly.

I will be extremely thankful for your kind approval on the same, so that I can prepare and inform ARIES accordingly.

Thanking you  
Your Sincerely,

With warm regards,  
Hum Chand  
(Dean SoPMS)

[Quoted text hidden]

[Quoted text hidden]

---

**Hum Chand** <humchand@hpcu.ac.in>

Thu, Apr 28, 2022 at 9:17 PM

To: "Director ARIES (Dipankar Banerjee)" <directoraries@aries.res.in>

Cc: Praveen Solanki <p.solanki@aries.res.in>, Brijesh Kumar <brij@aries.res.in>, Kuntal Misra <kuntal@aries.res.in>

Dear Dipankar,

Thanks so much for the invitation. Such visit activutiws will allow me to keep involved the exciting project ongoing at ARIES beside active science collaboration.

In view of the mid term exam of university the visit in next two week will suit me without affecting the teaching schedule, with detail as follow:

(1) Arrival: at Kathgodam on 2nd May 2022 at 2pm (train KGM-GARIB RATH 12208).

(2) Departure : from KATHGODAM on 17/05/2022 at 6PM (train JAMMU-GARIB RATH train 12207).

Arranging travel support from University will unfortunately involve lengthy process, so could not arrange it in such a short time now. Therefore I was wondering that will it be possible for ARIES to support also my train Faire alongwith drop/pick up in railway station (i.e at pathankot being about 70km from our university). This will also be very-2 helpful for me.

More detail about logistics and planing I will also discuss with Brijesh, Kuntal, and our foreign ILMT collaborators as well.

Thanks so much again for all the support and encouragement, and I look forward to have very productive time during this visit to ARIES/Devasthal.

With best regard  
Hum Chand

[Quoted text hidden]

---

**Hum Chand** <humchand@hpcu.ac.in>

Sun, May 1, 2022 at 8:49 PM

To: "Professor S.P. Bansal" <vc@hpcu.ac.in>

Cc: Registrar Central University of Himachal Pradesh <registrar@hpcu.ac.in>, "Prof. B. C. Chauhan" <bcawake@hpcu.ac.in>, HOD Physics & Astronomical Science <hod\_phy@hpcu.ac.in>, Hum Chand <humchand@hpcu.ac.in>

Respected Sir,

Thanks so much for your telephonically approval for my duty leave as mentioned in the trailing email.

Accordingly, tonight I am moving on my trip (i.e leaving the station) and Prof. Bhag Chand has kindly agreed for the duty of SoPMS in my absence in these duty leaves.

Thanking you again

With warm regards

Hum Chand

[Quoted text hidden]

---

**Hum Chand** <humchand@hpcu.ac.in>  
To: Praveen Solanki <p.solanki@aries.res.in>

Mon, May 9, 2022 at 1:21 PM

Dear Praveen Solanki ji,

My departure date has been changed due to some urgency with details as below.

Date 10 May 2022 6pm by Jammu Garib Rath.

Therefore for this drop may I request you to please arrange a vehicle at around 4:30pm from ARIES guest house on 10 May 2022.

Thanking you

With warm regards

Hum Chand

[Quoted text hidden]

[Quoted text hidden]

---

**Hum Chand** <humchand@hpcu.ac.in> Wed, May 11, 2022 at 12:33 PM  
To: "Professor S.P. Bansal" <vc@hpcu.ac.in>  
Cc: Registrar Central University of Himachal Pradesh <registrar@hpcu.ac.in>, "Prof. B. C. Chauhan" <bcawake@hpcu.ac.in>, HOD Physics & Astronomical Science <hod\_phy@hpcu.ac.in>, Office Physics and Astronomical Sciences <office\_phy@hpcu.ac.in>, rajeshkumarf11@hpcu.ac.in

Respected Sir,

Today's forenoon I have reached Shahpur and joined duty after the duty leave for work at ARIES/Devsthal at Nainital.

Initially I have taken two weeks leave (till 18 May 2022), but due to favorable circumstances could complete the work in one week time and hence could reach today back, which will also allow me to take myself the mid-term exam/viva of MSc astronomy course today as well.

Therefore may I request you to please consider me on duty from 2nd May to 10 May 2022 instead of originally proposed from 2nd May to 117 May 2022.

Thanking you

Your sincerely,

Hum Chand

[Quoted text hidden]



Hum Chand &lt;humchand@hpcu.ac.in&gt;

---

**2nd DOMU Meeting on 28-MAY-2021 : Agenda papers**

12 messages

**Brijesh Kumar** <brij@aries.res.in>

Wed, May 19, 2021 at 4:34 PM

To: subra.anan@gmail.com

Cc: directoraries@aries.res.in, p.solanki@aries.res.in, aomar@aries.res.in, shashi@aries.res.in, kumar@aries.res.in, humchand@gmail.com, maheswar.gn@gmail.com, saurabh@aries.res.in, jeewan@aries.res.in, "Yogesh C. Joshi" &lt;yogesh@aries.res.in&gt;

Dear All,

We hope you are keeping yourself in good health in these difficult times. For DOMU meeting, we could not meet on 28th April due to some unavoidable circumstances.

The new date for the meeting is 28th May 2021 (Friday), kindly mark this in your diary.

The agenda items (A2.1 to A2.9) along with the list of participants are attached herewith. We are scheduled to start at 10 AM and end by 5.30pm with 1-hr lunch break.

The agenda papers are shared at the below restricted link:

<https://drive.google.com/drive/folders/1E-owm3toDEa0CvPmOyqv8SmE1ji5AZ-T?usp=sharing>

content of above link is as follows:

- 1- agenda-2nd-DOMU.pdf (FILE)
- 2- minutes-1st-DOMU.pdf (FILE)
- 3- AGENDA-PAPERS (FOLDER)
- 4- PRESENTATION- SLIDES (FOLDER)

The agenda-wise papers are

- a2.2 - ATR (uploaded)
- a2.3 - status DOT (uploaded)
- a2.4 - TANSPEC
- a2.5 - ADFOSC (uploaded)
- a2.6 - IMAEGR
- a2.7 - HRS (uploaded)
- a2.8 - DOPSES
- a2.9 - ICR

We request you to go through the uploaded agenda papers and if you find any difficulty in opening or downloading, please let me know.

We will be uploading all the agenda papers and presentation files in the respective folders very soon.

Seeing you soon,

Kind regards,  
Brijesh

On 4/27/21 6:16 PM, Brijesh Kumar wrote:



I uploaded agenda papers for a2.2-atr, a2.3 (some papers only), a2.5-adfosc and a2.7-hrs; you may go through these.

hopefully i would be able to upload all the papers by tomorrow.

thanks  
Brijesh

On 4/21/21 10:04 AM, Brijesh Kumar wrote:

Dear Ananth and all,

I am keeping meeting related papers at this link

<https://drive.google.com/drive/folders/1E-owm3toDEa0CvPmOyqv8SmE1jj5AZ-T?usp=sharing>

current papers

1. minutes of 1st DOMU meeting
2. agenda of 2nd DOMU

future papers

3. agenda papers
4. talks

please visit the above meeting link at your convenience

thanks  
brijesh

On 4/20/21 12:57 PM, [subra.anan@gmail.com](mailto:subra.anan@gmail.com) wrote:

Dear Brijesh,

Thanks for the information. If there is a change of date for any reason, pl inform the same at least 2, 3 days in advance.

Pl send the link twice, once a few days earlier and another on 30th early morning as reminder.

Regards Ananthakrishnan

On Tue, 20 Apr 2021, 12:35 Brijesh Kumar, <[brij@aries.res.in](mailto:brij@aries.res.in)> wrote:

Dear All,

Thanks for your emails indicating availability for the meeting.

30th April 2021, Friday, has been fixed for the meeting. Please mark this date in your diary.

Please find in attachment the agenda and other details on the meeting.

A detailed note on the agenda items will be collected from the concerned and a detailed agenda items will be circulated very soon to all the members.

Kind regards  
Brijesh

----- Forwarded message -----

From: **Brijesh Kumar** <[brij@aries.res.in](mailto:brij@aries.res.in)>

Date: Mon, Apr 19, 2021 at 5:29 PM

Subject: 2nd Meeting of DOMU - ARIES 3.6-m DOT Operation, Maintenance and Upgradation Committee

To: Praveen Solanki <[p.solanki@aries.res.in](mailto:p.solanki@aries.res.in)>, Dr. Amitesh Omar <[aomar@aries.res.in](mailto:aomar@aries.res.in)>, shashi <[shashi@aries.res.in](mailto:shashi@aries.res.in)>, T. S. Kumar <[kumar@aries.res.in](mailto:kumar@aries.res.in)>, Hum Chand <[humchand@gmail.com](mailto:humchand@gmail.com)>, Maheswar Gopinathan <[maheswar.gn@gmail.com](mailto:maheswar.gn@gmail.com)>, Dr Saurabh <[saurabh@aries.res.in](mailto:saurabh@aries.res.in)>  
Cc: Director ARIES (Dipankar Banerjee) <[directoraries@aries.res.in](mailto:directoraries@aries.res.in)>, Subramaniam Ananthakrishnan <[subra.anan@gmail.com](mailto:subra.anan@gmail.com)>

Dear All,

The 2nd Meeting of DOMU is proposed to be held on Friday, 30th April 2021 in virtual mode.

Hope this date suits you. Kindly indicate your availability constraints, if any.

Thanks  
Brijesh

On 4/20/20 2:50 PM, Director ARIES (Dipankar Banerjee) wrote:

Dear All,

As an immediate follow up of the office order, I propose to hold the first meeting of this committee on this **Saturday, 25th April morning around 11:00** via zoom. Once everyone confirms I will send the detailed agenda, but the basic idea is that we will have an overview on the DOT and then an update from the PIs about instrument status etc. and plan for observations...

Please let me know if it is okay with you all for this Saturday 11:00 AM? Since most of us are going to be at home I thought we will use this opportunity. If necessary we can shift the time later in the day also..

Looking forward to your confirmation.

With regards,  
Dipankar

-----  
Prof. (Dr.) Dipankar Banerjee, FASc  
Director, Aryabhata Research Institute of Observational Sciences (ARIES)  
An autonomous research institute under DST, Government of India  
Manora peak, Nainital-263 001, Uttarakhand, India  
Phones: +91 5942235136 (O), +91 9448908461 (GSM)  
Fax- +91 5942233439

--  
Brijesh Kumar

--  
Brijesh Kumar

--  
Brijesh Kumar  
Scientist-F and Astronomer-in-charge, 3.6m Devasthal Optical Telescope  
Aryabhata Research Institute of Observational Sciences [acronym ARIES]  
(An Autonomous Institute under DST, Government of India)  
Manora Peak, Nainital-263002, Uttarakhand, India  
Phone : +91 5942 270711 (Off) +91 5946 298623 (Res)  
Mobile : +91 7351440011 (Off), +91 9927470408 (Per)  
Email : [brij@aries.res.in](mailto:brij@aries.res.in), [bkumar.aries@gmail.com](mailto:bkumar.aries@gmail.com)  
Website: <https://www.aries.res.in>

**agenda-2nd-DOMU.pdf**

41K

**Brijesh Kumar** <brij@aries.res.in>

Thu, May 20, 2021 at 11:19 AM

To: subra.anan@gmail.com, directoraries@aries.res.in, aomar@aries.res.in, shashi@aries.res.in, kumar@aries.res.in, humchand@gmail.com, maheswar.gn@gmail.com, saurabh@aries.res.in, jeewan@aries.res.in, "Yogesh C. Joshi" <yogesh@aries.res.in>  
Cc: p.solanki@aries.res.in

Hello everyone,

FYI, the agenda-papers for HRS has been revised and uploaded on g-drive today. You may have a look.

You may note that we prefix the agenda notes PDF file-names with DOMU-A2.x-DOCx, just to keep items sequentially and let the reader easily know the number of documents each agenda item has.

Thanks

Brijesh

[Quoted text hidden]

**Maheswar Gopinathan** <maheswar.gn@gmail.com>

Thu, May 20, 2021 at 1:51 PM

To: Brijesh Kumar <brij@aries.res.in>  
Cc: Subra Ananthakrishnan <subra.anan@gmail.com>, ARIES Director <directoraries@aries.res.in>, AMITESH OMAR <aomar@aries.res.in>, Shashi Bhushan Pandey <shashi@aries.res.in>, "T. S. Kumar" <kumar@aries.res.in>, Hum Chand <humchand@gmail.com>, Dr Saurabh <saurabh@aries.res.in>, "Jeewan C. Pandey" <jeewan@aries.res.in>, "Yogesh C. Joshi" <yogesh@aries.res.in>, Praveen Solanki <p.solanki@aries.res.in>

Dear Brijesh,

Thanks for the agenda and the related documents. I could open the uploaded documents.

Are there any feedback from the observers on the performance of the telescope and instruments? If yes, will that be presented in the meeting?

regards,

[Quoted text hidden]

--

**Maheswar Gopinathan**

Associate Professor

Indian Institute of Astrophysics (IIA)

2nd Block, Koramangala, Bangalore

Karnataka - 560034

**Brijesh Kumar** <brij@aries.res.in>

Thu, May 20, 2021 at 2:42 PM

To: maheswar.gn@gmail.com  
Cc: subra.anan@gmail.com, directoraries@aries.res.in, aomar@aries.res.in, shashi@aries.res.in, kumar@aries.res.in, humchand@gmail.com, saurabh@aries.res.in, jeewan@aries.res.in, yogesh@aries.res.in, p.solanki@aries.res.in

Dear Maheswar,

Thanks for running thru agenda papers. Please find below my comments on your query.

1. Feedback from observers on operational aspects of telescope and instruments, present at each night at site, are recorded on regular basis. A detailed list of night observers feedback can be found in quarterly DOT reports 2020-Q2-Q4;2021-Q1-Q2.



Please refer a separate chapter entitled "User feedback". Hopefully the reports on individual instruments should also contain this information.

2. Feedback on science performance of the system [telescope+ and/or instrument(s)] by proposers (PI) is an important aspect, if you meant this then this feedback has not been collected. One way of getting this information is via DOPSES. We can discuss this.

3. Performances are expected to be presented during the meeting on telescope as well as on individual instruments by the respective teams.

4. Pointing, tracking, and images quality related performance of telescope is mentioned at places in the quarterly DOT reports 2020-Q2-Q3-Q4;2021-Q1-Q2. The team will be presenting an update.

Please elaborate and let us know, if anything specific requires to be included for the sake of discussions.

Thanks

Brijesh

[Quoted text hidden]

--

Brijesh Kumar

---

**aomar@aries.res.in** <aomar@aries.res.in>

Thu, May 20, 2021 at 2:56 PM

To: brij@aries.res.in

Cc: maheswar gn <maheswar.gn@gmail.com>, subra anan <subra.anan@gmail.com>, directoraries@aries.res.in, shashi@aries.res.in, kumar@aries.res.in, humchand@gmail.com, saurabh@aries.res.in, jeewan@aries.res.in, yogesh@aries.res.in, p.solanki@aries.res.in

4. Pointing, tracking, and images quality related performance of telescope is mentioned at places in the quarterly DOT reports 2020-Q2-Q3-Q4;2021-Q1-Q2. The team will be presenting an update.

>> It will be good to identify all important technical parameters, both for telescope and instruments, affecting final science output. For telescope, I suggest that reflectivity of mirrors is an important parameter. I could see that after cleaning reflectivity of M1 is provided in documents but difference (before and after) is not known.

-amitesh

---

**Brijesh Kumar** <brij@aries.res.in>

Thu, May 20, 2021 at 3:09 PM

To: aomar@aries.res.in

Cc: maheswar.gn@gmail.com, subra.anan@gmail.com, directoraries@aries.res.in, shashi@aries.res.in, kumar@aries.res.in, humchand@gmail.com, saurabh@aries.res.in, jeewan@aries.res.in, yogesh@aries.res.in, p.solanki@aries.res.in

On 5/20/21 2:56 PM, aomar@aries.res.in wrote:

4. Pointing, tracking, and images quality related performance of telescope is mentioned at places in the quarterly DOT reports 2020-Q2-Q3-Q4;2021-Q1-Q2. The team will be presenting an update.

>> It will be good to identify all important technical parameters, both for telescope and instruments, affecting final science output. For telescope, I suggest that reflectivity of mirrors is an important parameter. I could see that after cleaning reflectivity of M1 is provided in documents but difference (before and after) is not known.

I request all the members to go through the reports well in advance and communicate their suggestions via email so that those could be taken up for discussions during the meeting.

Thanks  
Brijesh

---

**Hum Chand** <humchand@hpcu.ac.in>

Thu, May 20, 2021 at 4:21 PM

To: Brijesh Kumar <brij@aries.res.in>

Cc: Maheswar Gopinathan <maheswar.gn@gmail.com>, Subramaniam Ananthakrishnan <subra.anan@gmail.com>, "Director ARIES (Dipankar Banerjee)" <directoraries@aries.res.in>, "Dr. Amitesh Omar" <aomar@aries.res.in>, shashi <shashi@aries.res.in>, "T. S. Kumar" <kumar@aries.res.in>, Hum Chand <humchand@gmail.com>, Dr Saurabh <saurabh@aries.res.in>, jeewan@aries.res.in, yogesh@aries.res.in, Praveen Solanki <p.solanki@aries.res.in>

Dear All,

I also feel that user feedback may help in the DOT improvements, especially it is found to be very effective in ESO, by the so called ESO User committee, e.g see few details at (list of document sections ):

<https://www.eso.org/public/about-eso/committees/uc/uc-44th.html>

Worth spending some time to discuss such a possibility in this meeting.

Regards  
hum

[Quoted text hidden]

--

Hum Chand  
Dean, School of Physical and Material Sciences  
Head, Professor, Department of Physics and Astronomical Sciences,

Central University of Himachal Pradesh (CUHP),  
Temporary Academic Block, Shahpur,  
Kangra, Himachal Pradesh, India. Pin-176206.  
Mobile: 6396937743 / 9760154111  
email: [humchand@hpcu.ac.in](mailto:humchand@hpcu.ac.in) & [humchand@gmail.com](mailto:humchand@gmail.com)  
webpage: <http://old.aries.res.in/~hum/> or [at this](#)  
skype: hum\_aries

---

**Maheswar Gopinathan** <maheswar.gn@gmail.com>

Thu, May 20, 2021 at 9:50 PM

To: AMITESH OMAR <aomar@aries.res.in>

Cc: brij <brij@aries.res.in>, subra anan <subra.anan@gmail.com>, ARIES Director <directoraries@aries.res.in>, Shashi Bhushan Pandey <shashi@aries.res.in>, "T. S. Kumar" <kumar@aries.res.in>, Hum Chand <humchand@gmail.com>, Dr Saurabh <saurabh@aries.res.in>, "Jeewan C. Pandey" <jeewan@aries.res.in>, "Dr. Yogesh Joshi" <yogesh@aries.res.in>

Dear Amitesh,

Telescope reflectivity values should be recorded periodically especially before and after the coating. These recorded values will be vital to discuss the agenda item A-2.3 (Discussion on the next coating of the primary). Monthly variation of reflectivity values would be good to examine the rate of deterioration of mirror quality.

with regards,

[Quoted text hidden]

[Quoted text hidden]

---

**Brijesh Kumar** <brij@aries.res.in>

Mon, May 24, 2021 at 10:25 AM

To: maheswar.gn@gmail.com, aomar@aries.res.in

Cc: subra.anan@gmail.com, directoraries@aries.res.in, shashi@aries.res.in, kumar@aries.res.in, humchand@gmail.com, saurabh@aries.res.in, jeewan@aries.res.in, yogesh@aries.res.in

Dear All,

Good Morning.

As you may be aware that the 2nd DOMU meeting preparation is progressing well.

Two updates :

1. Details agenda papers for A2.4 (tanspec+tircam2) and A2.7 (dopses) added.
2. Agenda 2.9 (any other matter) includes one item now, i.e. a discussion on 'user feedback on DOT' following suggestions from domu members.  
for background, some links added to this agenda as shared by Hum.

A request :

1. The Chair has desired that the presentation files can be uploaded before start of Meeting on 28th May 2021 at one place so that He/each-one-of-us can view/refer and this is to avoid last-minute technical issue. This will also allow us to devote more time on discussions. You can upload your PPT files directly under folder 'PRESENTATION-SLIDES'. You have the permission to upload files.

Some information :

1. You can upload the agenda paper PDF files yourself. You have the permission.  
So if you make any changes in agenda papers, the revised ones can also be uploaded/replaced.

Let us be connected. Seeing you soon.

With regards,

Brijesh

[Quoted text hidden]

[Quoted text hidden]

---

**Brijesh Kumar** <brij@aries.res.in>

Tue, May 25, 2021 at 2:10 PM

To: maheswar.gn@gmail.com, aomar@aries.res.in

Cc: subra.anan@gmail.com, directoraries@aries.res.in, shashi@aries.res.in, kumar@aries.res.in, humchand@gmail.com, saurabh@aries.res.in, jeewan@aries.res.in, yogesh@aries.res.in

Notes for ALL the agenda items have been uploaded on the G-drive now. FYI

Thanks

Brijesh

[Quoted text hidden]



**Brijesh Kumar** <brij@aries.res.in>

Thu, May 27, 2021 at 2:45 PM

To: maheswar.gn@gmail.com, aomar@aries.res.in

Cc: subra.anan@gmail.com, directoraries@aries.res.in, shashi@aries.res.in, kumar@aries.res.in, humchand@gmail.com, saurabh@aries.res.in, jeewan@aries.res.in, yogesh@aries.res.in

DOT User Feedback form is available at <https://forms.gle/xiunX754Vg4ykfpU9>

Your comments and suggestions are welcome. To be discussed at some point during the DOMU meeting tomorrow.

Thanks

Brijesh

[Quoted text hidden]

--

Brijesh Kumar

---

**aomar@aries.res.in** <aomar@aries.res.in>

Thu, May 27, 2021 at 9:07 PM

To: brij@aries.res.in

Cc: subra anan <subra.anan@gmail.com>, directoraries@aries.res.in, shashi@aries.res.in, kumar@aries.res.in, humchand@gmail.com, maheswar gn <maheswar.gn@gmail.com>, saurabh@aries.res.in, jeewan@aries.res.in, yogesh@aries.res.in

Good to see compilation of user feedback captured from daily logbook in DOT Quarterly reports. It will be nice to close the issues or remarks made by the users. So we can either come up with an online form to put reply remarks by PI/incharges or evolve some other effective mechanism. Could be a point to discuss tomorrow.

Several of such points for ADFOSC were replied by me directly to the users either via email or phone. Also received several technical queries by users on how to optimize their observations etc. But it will be good to do it in a way so that a record for questions and answers is kept for anyone to see.

-amitesh

---

**From:** brij@aries.res.in

**To:** "subra anan" <subra.anan@gmail.com>, directoraries@aries.res.in, aomar@aries.res.in, shashi@aries.res.in, kumar@aries.res.in, humchand@gmail.com, "maheswar gn" <maheswar.gn@gmail.com>, saurabh@aries.res.in, jeewan@aries.res.in, yogesh@aries.res.in

**Cc:** "p solanki" <p.solanki@aries.res.in>

**Sent:** Thursday, May 20, 2021 11:19:40 AM

**Subject:** Re: 2nd DOMU Meeting on 28-MAY-2021 : Agenda papers

[Quoted text hidden]

# MEMORANDUM OF UNDERSTANDING

## BETWEEN

### **CENTRAL UNIVERSITY OF HARYANA(CUH) & CENTRAL UNIVERSITY OF HIMACHAL PRADESH (CUHP)**

This Academic Alliance is made on the 04<sup>th</sup> day of October, 2021

#### **BY AND BETWEEN THE PARTIES**

**Central University of Haryana (CUH)** is a Central University established under the Central Universities Act, 2009 of the Parliament. It is one of the 15 Central Universities established by MHRD (now MoE), GoI under XIth Five Year Plan (2007-12). The University is fully funded by the University Grants Commission (UGC). Permanent Campus of the University is situated in 488 acres of land at Jant-Pali Villages, Mahendergarh district of Haryana from where CUH is running its academic operations.

#### **And**

**Central University of Himachal Pradesh (CUHP)** is also a Central University established under the Central Universities Act, 2009 of the Parliament. It is one of the 15 Central Universities established by MHRD (now MoE), GoI under XIth Five Year Plan (2007-12). The University is fully funded by the University Grants Commission (UGC). The University has its Permanent Campuses in Dharamshala and Dehra, District Kangra, Himachal Pradesh from where CUHP is running its Academic operations.

For the development of joint collaboration in accordance with our mutual interests in developing programmes of academic and scholarly exchanges and for research, **Central University of Haryana, Mahendergarh** and **Central University of Himachal Pradesh, Dharamshala**, mutually agree to join this Academic Alliance. Both parties agree to exercise their best efforts to develop the following forms of cooperation:

1. To establish ties for academic cooperation in the relevant areas of academics and research.
2. To promote mutual understanding, academic collaboration and research to explore the ways and means to achieve self-reliance in India.

3. To jointly organize seminars, conferences, workshops and short-term continuing education programmes on the topics of mutual interest with participation from faculty from both sides.
4. To guide research candidates registered in either of the institutions for doctoral and post-graduate programmes with joint-supervision.
5. To cooperate on any other activities that may be identified on a consensual basis as and when such an opportunity arises.
6. To mutually share the research facilities available with both the universities.
7. The exchange of students, scholars and faculty for internships, focused research projects, quality initiatives and innovations in academics, research and governance.
8. To form the research groups for collaborative researches in various disciplines.
9. To mutually share the expertise of human resources available with both the universities.
10. To jointly organize Faculty Development/ Leadership programmes, professional trainings, symposia and colloquia on the themes of national/international relevance.
11. To mutually facilitate each other in phased implementation of NEP-2020, Academic Bank of Credits, CBCS and Multiple Entry/Exit Options.

The Collaborative Platform will connect the faculties, students and researchers across different disciplines. Both parties can develop specialized group for academic and research, leading to cutting-edge innovations and research with the fruitful translational outcome.

Both, **Central University of Haryana, Mahendergarh** and **Central University of Himachal Pradesh, Dharamshala** are committed to work together to develop specific agreements on the points above. The agreement will provide logistics and management details appropriate to the successful operation of the programme. The agreement will fulfil the spirit and purpose of this general Academic Alliance. The operational details regarding implementation of the agreement shall be finalized with mutual consent.

#### **DURATION and TERMINATION**

This Academic Alliance shall commence on its date of execution by the Parties and will be terminated:

- (a) after 5 years; or
- (b) at any time for convenience by either party with 30 days' written notice; or  
whichever of the above occurs the earlier.

Notwithstanding this understanding, the Academic Alliance may be subject to modification or revision by mutual written agreement.



## **ASSIGNMENT**

No party can assign this agreement to any other party without the consent of each other.

## **LEGAL COMPLIANCE**

**Jurisdiction Laws:** The parties acknowledge that activities under this Academic Alliance, depending on their nature, be subject to law of the land. Each party agrees to assist the other party to understand the requirements of the local laws in relation to activities undertaken under this Academic Alliance.

## **LOGOS, NAMES AND MARKS**

The parties agree that neither this document nor any performances or actions taken in connection therewith shall create a partnership or joint venture between them, and that neither shall advertise, state or otherwise imply anything to the contrary. Unless otherwise agreed in writing, neither party shall use, display, or otherwise engage the logos, names, trademarks, or other identification or protected intellectual property of the other.

## **DISPUTE RESOLUTION**

The parties resolve to negotiate on all issues in an open and cooperative manner. Should any dispute arise between them in relation to this Academic Alliance, the parties shall seek to resolve them on the basis of mutual trust and cooperation. Should no such resolution be achieved, the parties shall state their disagreement in writing and either party may exercise its right to terminate this memorandum forthwith and without prejudice or penalty.

## **FORCE MAJEURE**

Neither Party shall have any liability whatsoever or be deemed to be in default for any delay or failure in performance under this Academic Alliance, resulting from acts beyond the control of that Party, including but not limited to acts of God, war or national emergency, accident, fire, riot or epidemics.

## **NOTICE**

Any notice, approval, consent, request or other communication required or permitted to be given or made under this Academic Alliance will be in writing in the English language and will be served or delivered to the registered office address of individual party as placed in this alliance in its preamble.

## SEVERABILITY

If any provision of this agreement becomes invalid, unenforceable or prohibited by law, such provision shall be considered as inoperative and remainder will be operative and shall continue remain valid.

+++++

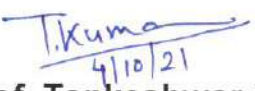

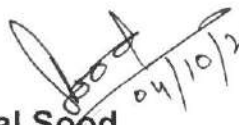

## RELATIONSHIP

This duty shall survive even after the termination of this Academic Alliance for next 5 years after the expiry of this Academic Alliance.

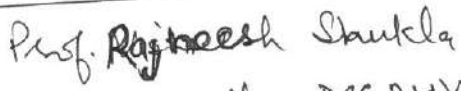
## AGREEMENT

The following signatories, on behalf of their respective organizations, agree, without prejudice, to meet the terms of the Academic Alliance. Each Party shall bear its own cost to implement this Academic Alliance. All information and/or data that may be exchanged, acquired and shared in connection with the areas of cooperation shall be treated as strictly confidential and shall not be divulged without the written consent of the disclosing party unless the same has already been in public domain. This obligation shall continue to bind the Parties hereto notwithstanding the termination of the Academic Alliance.

### Signatories

Central University of Haryana, Mahendergarh  4/10/21 Prof. Tankeshwar Kumar Vice-Chancellor	Central University of Himachal Pradesh, Dharamshala  4/10/21 Prof. S.P. Bansal Vice-Chancellor
Witness 1	Witness 1  04/10/2021 Prof. Vishal Sood Registrar(Addl. Charge), CUHP
Witness 2	Witness 2  4/10/21 Prof. Pardeep Kumar Dean Student Welfare, CUHP

(3)   
4/10/21

Witness 3  
  
Prof. Rajneesh Shukla  
Vice Chancellor, MGAHV, Wardha



# **MEMORANDUM OF UNDERSTANDING (MoU)**

**BETWEEN**

**REGIONAL CUM FACILITATION CENTRE  
NORTHERN REGION-1, JOGINDER NAGAR**

**AND**

**CENTRAL UNIVERSITY of  
HIMACHALPRADESH, DHARAMSALA**

This Memorandum of Understanding hereinafter referred to as MoU is signed on this .....21.....day of **October** in the year **2021** between the **REGIONAL CUM FACILITATION CENTRE NORTHERN REGION-1, JOGINDER NAGAR, Himachal Pradesh**, hereinafter called "RCFC-NR-1" which expression, unless otherwise provided, shall include its successors and assignees, on the one part and the **Central University of Himachal Pradesh, Dharamshala, District Kangra (Himachal Pradesh)-176215**, hereinafter called "CUHP" which expression, unless otherwise provided, shall include its successor of assignees on the other part.

## **1. Preamble:**

- 1.1 Whereas the Regional Cum Facilitation Centre Northern Region-1 and the University Grants Commission (UGC) have realized the need for a close linkage between National Laboratories and Universities in terms of research and academic activities. In compliance to this idea, the Regional Cum Facilitation Centre Northern Region-1 (RCFC-NR-1), Joginder Nagar and the Central University of Himachal Pradesh (CUHP), established under the Central Universities Act 2009, have expressed a



desire to join hands for the cause of promotion of quality research and high end science and decided to sign Memorandum of Understanding (MOU) to initiate academic and research programmes between the two Institutions in the broad areas of Biosciences and Bioinformatics as per the following terms and conditions:

**2. Recitals**

- 2.1 AND WHEREAS both the RCFC-NR-1 and the CUHP recognize that they share common goals and are desirous to establish, a cooperative arrangement towards - strengthening Indian higher education and research through mutual resource sharing.
- 2.2 AND WHEREAS both organizations are desirous to associate in all other related areas as may be agreed upon for furtherance of knowledge based enterprises, apt technical and management skill for future technology development, exchanging of information and work towards effective Research Institutions-Academia partnerships for Human Resource Development and R&D.
- 2.3 NOW THE PARTIES (RCFC-NR-1 and CUHP) HEREBY ACKNOWLEDGE AND agree to collaborate on collaborative and joint research work in the various areas of mutual interest by entering into this MoU covering the activities as detailed below:

**3. Period of MoU and its Extension**

- 3.1 This MoU comes into effect from the date of its signing and will remain in force till the completion of five (05) years. Its validity can be extended by mutual agreement between both the parties.
- 3.2 This MoU supersedes all the previous correspondences and discussions, undertakings and agreement between the two parties on the subject pertaining to this MoU.

#### **4. Scope of MoU**

4.1 The scope of the MoU will be to collaborate for research and teaching in the designated subjects of Biotechnology, Bioinformatics, Chemistry, and Molecular Biology, Plant Sciences, Animal Sciences or any other branch of Life Sciences or Chemical Sciences. Both the Parties hereto wish to record the following main areas of cooperation on mutually agreed terms and conditions.

4.1.1 Mutually sharing of infrastructural facility for pursuing research and conducting R&D programmes.

4.1.2 Knowledge sharing in the field of Biotechnology, Bioinformatics, Chemistry, and Molecular Biology, Plant Sciences, Animal Sciences or any other branch of Life Sciences or Chemical Sciences.

4.1.3 Exchange of faculty in regular courses and training programme from both the institutions. For the mutual benefit of the two Institutions, there will be exchange of RCFC-NR-1 scientists and faculty members of the concerned school of CUHP.

4.1.4 Collaborative and Joint research projects by the RCFC-NR-1 scientists and faculty members of the concerned schools of CUHP through mutual sharing of the research facilities at RCFC-NR-1 and CUHP.

4.1.5 RCFC-NR-1 and CUHP will work closely to generate appropriately trained manpower in the mutually identified areas of Science & Technology through organization of formal academic curricula, symposia, short-term training courses, etc. TA/DA for scientists and research scholars will be borne by the respective organizations.

#### **4.2 Responsibility of CUHP**

4.2.1 CUHP will recognize RCFC-NR-1 as an accredited Centre for supervising and guiding and pursuing research, leading to MPhil/PhD degree in the designated subjects of Biotechnology, Bioinformatics, Chemistry,

Molecular Biology, Plant Sciences, Animal Sciences or any other branch of Life Sciences or Chemical Sciences.

4.2.2 CUHP will recognize RCFC-NR-1 scientists, subject to the fulfilment of eligibility requirements as per the Act, Statutes and Ordinances of the University, as co-supervisors for guiding research leading to MPhil/PhD degrees.

4.2.3 CUHP will, subject to the fulfilment of eligibility requirements as per the Act, Statutes and Ordinances of the University, confer the status of Adjunct Professor, Adjunct Associate Professor and Adjunct Assistant Professor on RCFC-NR-1 scientists, depending upon their qualifications and designations, involved in collaborative research and teaching with CUHP.

4.2.4 CUHP shall provide access to Library and research facilities to the scientists and PhD students of RCFC-NR-1 and that they shall be governed by the rules and regulations of the University as applicable to the faculty and research scholars of the University.

#### **4.3 Responsibility of RCFC-NR-1**

4.3.1 RCFC-NR-1 shall provide access to its Library and research facilities to the students and faculty members of concerned schools of the CUHP and that they shall be governed by the rules and regulations as applicable to the RCFC-NR-1 Scientists.

4.3.2 RCFC-NR-1 will provide summer training, research facilities to students (not more than 10 at a time) and RCFC-NR-1 scientists will help in the preparation of teaching material for these students.

4.3.3 RCFC-NR-1 shall arrange Hostel/Guest House accommodation for Central University of Himachal Pradesh students coming for summer trainings subject to availability of accommodation and in accordance to the guidelines for accommodation charges by RCFC-NR-1.



- 4.3.4 RCFC-NR-1 Scientists recognised by the CUHP as Adjunct Professor, Adjunct Associate Professor and Adjunct Assistant Professor will be permitted to be involved in teaching and evaluation of students' performance in theory as well as practical classes in the CUHP.

**4.4 Collaborative Research Degree (MPhil/PhD) Programme**

- 4.4.1 RCFC-NR-1 and the CUHP shall, subject to their rules and regulations and through mutual consultation, evolve a collaborative Research Degree (MPhil/PhD) programme.

- 4.4.2 Modalities of the collaborative research degree programme shall be worked out by the two organisation through mutual consultations and with due regard to the Act, Statutes and Ordinances of the CUHP and the rules and regulations governing the RCFC-NR-1.

**5. Areas of Collaborative Research**

- 5.1 Areas of collaborative research shall be worked out mutually between the two parties keeping in view the research needs and priorities of the two parties and also depending upon the research expertise and research facilities available in the RCFC-NR-1 and the CUHP.

**6. Co-ordination & Progress Review Committee (CPRC)**

- 6.1 It is agreed that the progress of this MOU shall be monitored by a Review Committee comprising Vice Chancellor of the CUHP and the Regional Director, RCFC-NR-1 through periodic meetings.
- 6.2 Director of the RCFC-NR-1 and Dean of the School concerned from CUHP would be the coordinators for activities under this MoU.

**7. Financial Terms**

- 7.1 There shall be no financial obligations on the part of the RCFC-NR-1 and CUHP. Expenditures related to sample preparation, and experimentation would be borne by respective labs at their own end.

**8. No Liability Clause**

- 8.1 RCFC-NR-1 shall not be responsible for any loss or damage whatsoever, resulting due to implementation of any technology at the premises of CUHP or RCFC-NR-1, or due to testing of the same at the premises of CUHP or RCFC-NR-1.
- 8.2 CUHP shall not be responsible for any loss or damage whatsoever, resulting due to implementation of any technology at the premises of CUHP or RCFC-NR-1, or due to testing of the same at the premises of CUHP or RCFC-NR-1.

**9. Confidentiality Clause**

- 9.1 Both the parties acknowledge the confidentiality of the information, which may be transferred between the parties or obtained or developed during the course of this exchange from time to time as being essential to this MoU and agree not to disclose the same to any third party. However, each party shall be free to disclose this information as is:
  - 9.1.1 In the public domain at the time of disclosure.
  - 9.1.2 Required to be disclosed by official authorities in accordance with applicable law or regulation.
- 9.2 While the parties agree to co-operate and otherwise act in good faith with the view to the successful implementation, there is no financial binding on either party. This MoU is intended to mutual understanding of the parties hereto as at the date thereof.
- 9.3 Any notice, request or other communication required or permitted to be given under this MoU shall be in writing and shall be delivered in person or by recognized courier service or facsimile, or to the authorized persons of two organisations to be notified separately.
- 9.4 Each of the parties recognizes that the successful implementation of this MOU to the mutual satisfaction and benefit of both the parties will require a significant degree of cooperation and good faith on behalf of both the parties. Each of the

parties resolves to act in good faith and in accordance with the spirit of this MOU to implement the provisions in accordance with the mutual desire and in the interests of the parties.

9.5 Both the parties undertake not to transfer, for any consideration to be received by it, the know-how/data obtained through this MoU to any other party in any manner whatsoever without prior written approval of each other whether within and beyond the period of this MoU. Both the parties shall take all necessary measures to ensure that the knowledge/data obtained under this MoU is not passed on or disclosed to any third party.

9.6 While the parties agree to co-operate and otherwise act in good faith with the view for successful implementation, there is no financial binding on either party. This MoU is intended to mutual understanding of the parties hereto as at the date thereof.

#### **10. Publications**

10.1 Publications, if any, in respect of the development of the know-how as envisaged with the prior mutual consent of the two parties shall be in the names of the investigators. Prior publications will be avoided where a patent or patents may possibly be taken.

10.2 Publications, if any in respect of the said studies will be with the prior mutual consent of RCFC-NR-1 and CUHP and shall be in the names of both the parties suitably acknowledged by RCFC-NR-1/CUHP.

10.3 Prior publications will be avoided where a patent or patents may possibly be taken.

#### **11. Protection & Disposition of Ownership of Intellectual Property Rights**

11.1 The ownership of all Background Information and Background Intellectual Property Rights generated by the parties prior to the MoU shall rest with the respective parties. However, parties shall have right to use such Background



Information and Background Intellectual Property Rights for the purposes of the R&D work performed under the MoU.

- 11.2 All Foreground Information and Foreground Intellectual Property Rights created during the R&D work performed under the MoU shall be owned jointly by the parties.
- 11.3 Parties to this MoU shall confer and consult each other regarding filing of Intellectual Property Rights applications including patent applications covering Foreground Information and share equally the attendant expenditure related to filing, prosecution, grant, maintenance etc. of the same.
- 11.4 In the event of any extraordinary situation including infringement suits filed by third parties, parties shall initiate any action in mutual consultation and agreement.

## **12. Patent & Patent Infringement**

- 12.1 If the know-how developed as a result of a study undertaken under this MoU leads to a patent or patents being taken, the parties hereto shall mutually agree whether or not to apply for a patent/s and if so in which country. Patents taken, if any, will be in joint names of the two parties. The cost of taking out a patent shall be borne by RCFC-NR-1 or CUHP.
- 12.2 In the event of any claim or action being brought against either party to this MoU alleging infringement of a patent of a third party, the parties hereto shall mutually decide whether to defend the claim or not. The cost of defence against any such claims or action shall be borne by the two parties hereto.
- 12.3 In the event of patents being filed, out of the research work of a student working at RCFC-NR-1 for MPhil/PhD thesis under the sole supervision of scientist(s) from the NCFC-NR-1, the CUHP shall have no claim to IPRs.

12.4 In the event of patents being filed, out of the research work of a student working at CUHP for MPhil/PhD thesis under the sole supervision of faculty member(s) of the CUHP, the RCFC-NR-1 shall have no claim to IPRs.

12.5 In the event of a patent being filed, out of the research work of a student working at RCFC-NR-1 for MPhil/PhD thesis under the joint supervision of the scientist(s) and faculty member(s) of the CUHP, the cost of patenting and any monetary benefits accruing subsequent of filing and maintaining the patents will be shared by RCFC-NR-1 and CUHP on equal basis.

12.6 In the event of a patent being filed out of the collaborative research work between the faculty members of CUHP and the scientists of RCFC-NR-1 the cost of patenting and monetary benefits accruing subsequent to filing and maintaining of the patents will be shared by CUHP and RCFC-NR-1 on equal basis.

### **13. MoU and its Amendments**

13.1 This MoU shall be the principal repository of the terms and conditions agreed to between the parties and no amendment thereof shall take effect or be binding on both the parties unless such amendment is authorized by them and is recorded in writing and signed by the duly authorized representatives of both the parties.

### **14. Termination**

14.1 In case it is found by the two parties that the desired objectives cannot be achieved due to any reason(s) whatsoever, this MoU will be treated as terminated by a mutually agreed procedure without any liability on either of the party.


14.2 However the MPhil and PhD students admitted under the collaborative research supervision shall continue to be governed by the same terms and conditions till the completion of their degrees in accordance with the Act, Statutes and Ordinances of the CUHP.

### **15. Force Majeure**

15.1 Neither party shall be held responsible for non-fulfilment of their respective obligation under this MoU due to the exigency of one or more of the force majeure events, such as, but not limited to Acts of God, War, Flood, Earthquakes,

IN WITNESS WHEREOF, the Parties hereto have duly executed this MOU on  
21 day of October year Two Thousand and Twenty One.

  
**REGISTRAR**  
Central University of  
Dharamshala, Kangra, H.P.

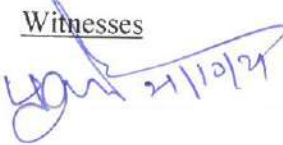
  
**REGIONAL DIRECTOR**  
Regional Cum Facilitation  
Centre Northern Region-1  
Joginder Nagar, H.P.

Witnesses

1. 

2.

Witnesses

 21/10/21



# MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

**CHINMAYA ORGANISATION FOR RURAL DEVELOPMENT  
DHARAMSHALA**

AND

**CENTRAL UNIVERSITY of  
HIMACHALPRADESH, DHARAMSALA**

This Memorandum of Understanding hereinafter referred to as MoU is signed on this ....21.....day of **October** in the year **2021** between the **CORD (Chinmaya Organisation for Rural Development), Dharamshala, Himachal Pradesh**, hereinafter called "CORD" which expression, unless otherwise provided, shall include its successors and assignees, on the one part and the **Central University of Himachal Pradesh, Dharamshala, District Kangra (Himachal Pradesh)-176215**, hereinafter called "CUHP" which expression, unless otherwise provided, shall include its successor of assignees on the other part.

## 1. Preamble:

- 1.1 Whereas the CORD and CUHP have realized the need for a close linkage between National Laboratories and Universities in terms of research and academic activities. In compliance to this idea, the Chinmaya Organisation for Rural Development, Dharamshala and the Central University of Himachal Pradesh (CUHP), established under the Central Universities Act 2009, have expressed a desire to join hands for the cause of promotion of quality research and high end science and decided to sign Memorandum of Understanding (MOU) to initiate academic and research programmes between the two Institutions in the broad areas of Biosciences and Bioinformatics as per the following terms and conditions:

## **2. Recitals**

- 2.1 AND WHEREAS both the CORD and the CUHP recognize that they share common goals and are desirous to establish, a cooperative arrangement towards - strengthening Indian higher education and research through mutual resource sharing.
- 2.2 AND WHEREAS both organizations are desirous to associate in all other related areas as may be agreed upon for furtherance of knowledge based enterprises, technical and management skill for future technology development, extension programmes, exchanging of information and work towards effective Research Institutions-Academia partnerships for Human Resource Development and R&D.
- 2.3 NOW THE PARTIES (CORD and CUHP) HEREBY ACKNOWLEDGE AND agree to collaborate on collaborative and joint research work in the various areas of mutual interest by entering into this MoU covering the activities as detailed below:

## **3. Period of MoU and its Extension**

- 3.1 This MoU comes into effect from the date of its signing and will remain in force till the completion of five (05) years. Its validity can be extended by mutual agreement between both the parties.
- 3.2 This MoU supersedes all the previous correspondences and discussions, undertakings and agreement between the two parties on the subject pertaining to this MoU.

## **4. Scope of MoU**

- 4.1 The scope of the MoU will be to collaborate for research and extension activities carried out by the Institutions in the field of rural development. Both the Parties hereto wish to record the following main areas of cooperation on mutually agreed terms and conditions.
  - 4.1.1 Mutually sharing of infrastructural facility for pursuing research and conducting R&D programmes.
  - 4.1.2 Knowledge sharing in the field of applied and basic sciences.
  - 4.1.3 Collaborative and Joint research projects by the CORD officials and faculty members of the CUHP through mutual sharing of the research and extension facilities at CORD and CUHP.

- 4.1.4 CORD and CUHP will work closely for up-liftment of rural society by mutually identified areas of Science & Technology through organization of formal extension programmes, symposia, short-term training courses, etc. TA/DA for faculty, students and officials will be borne by the respective organizations.

#### **4.2 Responsibility of CUHP**

- 4.2.1 CUHP will recognize CORD as an accredited Centre for pursuing research and extension activities jointly.
- 4.2.2 CUHP shall provide access to Library and research facilities to the trainees and officials of CORD and that they shall be governed by the rules and regulations of the University as applicable to the faculty and research scholars of the University.

#### **4.3 Responsibility of CORD**

- 4.3.1 CORD shall provide access to its Library and infrastructure facilities to the students and faculty members of the CUHP and that they shall be governed by the rules and regulations as applicable to CORD.
- 4.3.2 CORD will provide summer training, research facilities to students and CORD officials will help in extension programmes for these students.
- 4.3.3 CORD shall arrange Hostel/Guest House accommodation for Central University of Himachal Pradesh students coming for summer trainings subject to availability of accommodation and in accordance to the guidelines for accommodation charges by CORD and with the condition that all will follow rules and regulations of CORD in the premises, field and any other institution/place when visiting them while in CORD for their work, learning's & research.

### **5. Areas of Collaborative Research**

- 5.1 Areas of collaborative research shall be worked out mutually between the two parties keeping in view the research needs and priorities of the two parties and also depending upon the research expertise and research facilities available in the CORD and the CUHP.
- 5.2 Both parties will organize joint extension programmes and involve students of the CUHP.
- 5.3 Students of CUHP may be involved in the different activities carried out by the CORD.



**6. Co-ordination & Progress Review Committee (CPRC)**

6.1 It is agreed that the progress of this MOU shall be monitored by a Review Committee comprising Vice-Chancellor of the CUHP and the Chief Operating Officer, representing the National Director of CORD through periodic meetings.

6.2 Chief Operating Officer of CORD and Dean of the School concerned from CUHP would be the coordinators for activities under this MoU.

**7. Financial Terms**

7.1 There shall be no financial obligations on the part of the CORD and CUHP. Expenditures related to sample preparation, and experimentation would be borne by respective labs at their own end.

**8. No Liability Clause**

8.1 CORD shall not be responsible for any loss or damage whatsoever, resulting due to implementation of any technology at the premises of CUHP or CORD, or due to testing of the same at the premises of CUHP or CORD.

8.2 CUHP & CORD shall not be responsible for any loss or damage whatsoever, resulting due to implementation of any technology at the premises of CUHP or CORD, or due to testing of the same at the premises of CUHP or CORD.

8.3 The candidate while in CORD will be responsible for their own health and well-being and costs involved. They will waive CORD from any liabilities and legal issues concerning their health and well-being.

8.4 When sharing the learning and experience acquired at CORD with someone else at the university, school or at any other platform or publishing it, CORD will need to acknowledge CORD and will have to send a copy of the literature to CORD. When publishing documents on CORD's learning experiences –one will have to take prior permission from CORD through email or in writing.

**9. MoU and its Amendments**

9.1 This MoU shall be the principal repository of the terms and conditions agreed to between the parties and no amendment thereof shall take effect or be binding on both the parties unless

such amendment is authorized by them and is recorded in writing and signed by the duly authorized representatives of both the parties.

**10. Termination**

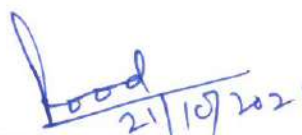
10.1 In case it is found by the two parties that the desired objectives cannot be achieved due to any reason(s) whatsoever, this MoU will be treated as terminated by a mutually agreed procedure without any liability on either of the party.


**11. Hold Harmless**

11.1 The CORD agrees to hold CUHP harmless from any claim or damages arising from the CORD's performance of work under this contract. CORD shall also hold CUHP harmless without any limitation from any claims or damages raised or damages suffered by the CORD.

11.2 The CUHP agrees to hold CORD harmless from any claim or damages arising from the CUHP's performance of work under this contract. CUHP shall also hold CORD harmless without any limitation from any claims or damages raised or damages suffered by the CUHP.

IN WITNESS WHEREOF, the Parties hereto have duly executed this MOU on 21 day of October year Two Thousand and Twenty One.

  
**REGISTRAR**  
Central University of  
Dharamshala, Kangra, H.P.

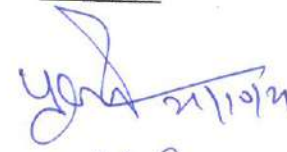

  
**CHIEF OPERATING OFFICER, CORD**  
CORD Training Centre Sidhbari  
Tehsil Dharamshala, District Kangra

Witnesses

1.

2.

Witnesses

  
2. 



तपोमूलं हि साधनम्  
Research is the Root of all Quest



## MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

RESEARCH FOR RESURGENCE FOUNDATION, NAGPUR

AND

CENTRAL UNIVERSITY of  
HIMACHALPRADESH, DHARAMSALA

This Memorandum of Understanding (MoU) is made and executed at Dharamshala, Kangra , Himachal Pradesh on this 22nd day of October of the year 2021 which is (KrishanPakshDwitiya) by and between:

1. **Research for Resurgence Foundation**, Sheshadri Sadan, Tulsibaug Road, Mahal, Nagpur, Maharashtra-440032 (Bharat) (*Hereinafter referred as RFR Foundation*) founded by voluntary organization Bharatiya ShikshanMandal by or repugnant to the subject shall mean and include its successors and assigns.

AND

2. (Central University of Himachal Pradesh )(*Hereinafter referred as CUHP*)  
**RFR Foundation** and (**CUHP**) are referred to individually as a "Party" and collectively as "Parties". Both Parties have reached the following intent to collaboration as per below described articles of this MOU.



## ARTICLE 1: BACKGROUND AND PURPOSE

- 1.1.1. Research for Resurgence Foundation is founded by voluntary organization Bharatiya Shikshan Mandal(hereinafter referred as RFR Foundation).The core objective of RFR Foundationis to bring paradigm shift in research outcome, research methodology and innovation-based technologies, ensuring Bharatiya prospective, philosophy and applicability.
- 1.1.2. TheRFR Foundationhas functional dimensions to strengthen and synchronize Research, Researchers, Resources and Reach.
- 1.1.3. The RFR Foundation is a multi-domain Research Institute and a network hub of research and allied activities in academics and industrial sector.

### AND

- 1.2.1. Central University of Himachal Pradesh (hereinafter referred as CUHP) is an University established by the Central Universities Act 2009 (No. 25 of 2009).
- 1.2.2. **CUHP**functions as per the provisions of the central University act and statute 2009 & Ordinances published by Central University of Himachal Pradesh.

### 1.1 Vision and Mission:

CUHP strives for Inclusive Access to Excellence in Higher Education and Research to emerge as Premier University of the Country at par with the best Universities of the World in terms of Programme Offerings, Curricular, Framework, Pedagogy, Research, Publications and Integration with the World of Work.

Objectives are to disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit; to make special provisions for integrated courses in humanities, social sciences, sciences and technology in its educational programmes, to take appropriate measures for promoting innovations in teaching-learning process and inter-disciplinary studies and research; to educate and train manpower for the development of the country: to establish linkages with industries for the promotion of science and technology.



2 of 9

## 1.2 Purpose:

RFR Foundation and CUHP are interested in working together with mutual collaboration to give each other's strengths in research and facilities thereof, will mutually benefit the students and faculties for nurturing the research, innovation and creativity among students. Now therefore the parties hereto have agreed to enter into a memorandum of understanding considering the long term benefits of sharing the knowledge and resources between the institute and establish a strong academic collaboration, by undertaking joint responsibilities and activities in their respective field of excellence, research, resources, knowledge and human described in the article 2 of this MOU as area of collaboration.

## ARTICLE 2: AREAS OF COLLABORATION

The parties hereby agree to work collaboratively on following points for the effective and efficient engagement by fulfilling the purpose of this MoU towards strengthening and streamlining research in scientific and technology development, innovation and entrepreneurship ecosystem in Bharat. The mutually agreed **activities** by and between the parties keeping in view the existing law of the University are as under:

### 1. The responsibilities and work for CUHP:

#### 1.1. Setting-up functional RFR Foundation extension centre in academic campus for

- 1.1.1. Awareness, publicity & accessibility for RFR Foundation work, facilities and opportunities.
- 1.1.2. Awareness, publicity & accessibility for research activities, programs, seminar, workshops, conferences and like to be jointly organized.
- 1.1.3. Philosophical acceptance and responsibility towards concept of 'Resurgence'.
- 1.1.4. Monitoring, execution and evaluation of parameter/s of research applicability for nation / society / local requirement, incorporation of Bharatiya methodology and references in various programs at institutional level including Ph.D., M.Phil., Post-Graduation, Under Graduation research projects and research methodology program.



3 of 9

- 1.1.5. Establishing platform for converting strength & excellence in terms of infrastructure and human resource for betterment of educational systems across world.
- 1.2. To organize national, international events, program at mutually agreed interval.
- 1.3. To provide infrastructure, academic & technical Support in various activities organized by RFR Foundation, subject to availability.
- 1.4. Promote and support student(s), faculty(s) exchange programs.
- 1.5. Maintain respect and dignity among other Academic associates and Industrial associates of RFR Foundation.
- 1.6. Active participation in associate members' annual meetings organized by RFR Foundation.
- 1.7. To recognize RFRF as workplace for research including PhD studies and post-doctoral research.

## **2. The responsibilities and work for RFR Foundation:**

- 2.1. To provide Title "Academic Associate"& its certification to CUHP.
- 2.2. To provide access to knowledge resource centre of RFR Foundation.
- 2.3. To facilitate CUHP for industry-academia, academia-academia collaborations at national & international level.
- 2.4. To provide support in conduction of Refresher Courses, Orientation courses, Research methodology programs and faculty development program.
- 2.5. Promotion of Research Activities in common interest area.
- 2.6. Privileged invitation for event(s) / program(s) organized by RFR Foundation and Bharatiya Shikshan Mandal (limited number of guests).
- 2.7. Display and information about facilities and opportunities at CUHP in the reception gallery at foundation.
- 2.8. Two nominations (incumbent authorities) in *Samanvay Sabha* for associates.
- 2.9. Support in execution, monitoring and evaluation process of various research activities.
- 2.10. Access and usage of knowledge resource centre, infrastructural facilities such as convention centre at special 'Academic Associates' discounted charges.
- 2.11. The facilities for students and faculties at concessional charges.



4 of 9



- 2.12. Consultation, unbiased evolution of various educational processes as RFR Foundation Academic & Administrative Audit program.
- 2.13. Information and invitation for research events conducted by other associate members for associates' network.

### **ARTICLE 3: CO-ORDINATION AND NODAL OFFICER**

Both entities shall mutually decide and designate a nodal officer. The nodal officer will have responsibility for fulfilling the objectives of this agreement and also will carry out all activities mutually agreed by the parties.

### **ARTICLE 4: SCOPE**

The Parties acknowledge and agree that the Areas of Collaboration are not exhaustive in nature and the Parties shall in good faith, negotiate to elaborate upon the Areas of Collaboration, including additional areas of collaboration as may be mutually agreed and the rights, responsibilities and obligations of each Party in relation to each of the Areas of Collaboration. The Parties may, from time to time, execute addenda or modifications to this MOU to incorporate such additional scope of collaboration or discussions in accordance with Clause 6.3.

### **ARTICLE 5: DURATION**

This MOU shall be valid after its signature from the date of signing till for **FIVE** years. The Parties may further extend the MOU with mutual written consent, in order to ensure continuous inputs regarding in light of changing trends and environment in the area of collaboration for this MOU. As part of subsequent extensions, the Parties may agree to make amendment in the MOU.

### **ARTICLE 6: TERMS**

#### **6.1 Finance**

Both Parties shall be responsible to carry out the activities under the area of collaboration and New Project, Program, Conference, Seminar, Workshops and like which is co-designed/ organized by both of the parties. The financial arrangements wherever involved will be decided and approved after mutual consent and shall be



5 of 9

agreed to for each activity individually on resource deployment, arrangements and mobilization will be planned vis-a-vis.

### **6.2 Assignment**

Neither of the Parties shall assign any of their duties under this MOU to any other person or institution without prior approval of other party. A specific agreement will be entered into for each activity.

### **6.3 Amendments**

No alterations, additions or modification hereto shall be valid and binding unless the same are reduced to writing and signed by both the Parties.

### **6.4 Non-Exclusive Discussions**

The Parties acknowledge and agree that the Areas of Collaboration under this MOU are being undertaken on a non-exclusive basis and either Party shall be free to enter into or consummate transactions similar to the Areas of Collaboration with other parties in Bharat or elsewhere.

### **6.5 Confidentiality and Public Announcement:**

6.5.1. "Confidential Information" means the confidential, proprietary, and trade secret information of the disclosing party to be disclosed by the disclosing party under this MOU, and comprises (a) information in tangible form that (1) bears a Confidentiality Legend, or (2) does not bear any Confidentiality Legend, if the receiving party knew, or reasonably should have known under the circumstances, that the information was confidential and had been communicated to it in confidence, and (b) discussions about that information that may occur before, at the same time, or after disclosure of the information. This MOU and all confidential information exchanged between the Parties pursuant to this MOU shall be held in confidence.

6.5.2. Neither Party nor any of the affiliates shall make any public announcement about the MOU and /or the scope of proposed engagement, without the prior written consent of the other Party. Any public announcement so made, shall be as outlined in the Article 2 of this MOU.



6 of 9

## **6.6 License and Intellectual Property Rights**

6.6.1. No license is granted under this MOU to either Party under any of the other Party's intellectual property rights, either expressly, by implication, inducement, estoppel or otherwise. Both Parties understand and acknowledge that grant of any such license shall always be express and in writing.

6.6.2. Both parties will take all necessary steps to protect the knowledge documents and intellectual Properties generated during the process or shared by the parties.

## **6.7. Conflict of Interest**

Neither of the parties believes that the Collaboration contemplated by this MOU raise any actual or potential conflicts of interest. The parties agree that this MOU and the negotiation of the same (and any other agreements entered into in connection herewith) are independent of any past, present or potential future arrangements, and are not connected to an existing business relationship between either of the parties.

## **ARTICLE 7: TERMINATION**

7.1 This MOU shall also terminate without liability to either party if otherwise agreed to by the Parties in writing with a notice period of 1 month.

## **7.2 Survival and binding Nature**

7.2.1. Except for Clause 6 (Terms), Cause 7 (Termination) and 8 (Dispute Settlement) of this MOU, nothing contained in this MOU is intended to be or shall be construed in any way to be legally binding on any of the Parties.

7.2.2. Except as set forth elsewhere in this MOU, Clause 6 (Terms), Cause 7 (Termination), 8 (Dispute Settlement) shall survive the expiry or termination of this MOU.





## ARTICLE 8: DISPUTE SETTLEMENT

### 8.1 Governing Law and Jurisdiction

8.1.1. This MOU shall be governed by and construed in accordance with the laws of Republic of Bharat. All disputes arising out of or related to this MOU, including without limitation all matters connected with its performance, will be governed by, and construed and interpreted under the laws of Bharat, without reference to conflict of laws principles.

8.1.2. All disputes and differences arising out of or in connection with this MOU shall be the first instance referred to arbitration by three (3) arbitrators, jointly appointed by Parties. The decision and award determined by such arbitration will be final and binding upon the Parties. The arbitration will be conducted in accordance with the Arbitration and Conciliation Act, 1996, as may be in force from time to time. The arbitration proceedings will be conducted in Hindi, English or any Bharatiya Language and the seat of arbitration will be Nagpur

### 8.2 Notices

All communications hereunder shall be in writing and shall be deemed given if delivered personally or mailed by registered or certified mail (return receipt requested) to the Parties at the address specified below:

#### If to RFR Foundation:

Attention of: Secretary,

Address: Research for Resurgence Foundation, Sheshadri Sadan, Tulsibaug Road, Mahal, Nagpur, Maharashtra-440032 (Bharat)

Phone: 9822745768, 9422822795

Email: [info@rfrfoundation.org](mailto:info@rfrfoundation.org), [rfrfbharat@gmail.com](mailto:rfrfbharat@gmail.com) Website: [www.rfrfoundation.org](http://www.rfrfoundation.org)

#### If to CUHP

Attention of: Vice Chancellor

Address: Central University of Himachal Pradesh  
Vice Chancellor Secretariat,  
Dharamshala- Distt. Kangra  
Himachal Pradesh



Phone :01892-229330; 9418141389

Email: [registrar@hpcu.ac.in](mailto:registrar@hpcu.ac.in), [vc@hpcu.ac.in](mailto:vc@hpcu.ac.in)

[www.cuhimachal.ac.in](http://www.cuhimachal.ac.in)

In witness whereof the parties hereto have signed, sealed and delivered this agreement on **22, October 2021** above written in presence of:

For,

**Research for Resurgence Foundation,  
Nagpur**

Sign 

Name: ~~Rajendra Pathak~~

Designation: ~~Secretary RFRF~~

*Sh. Pankaj Nalpatha*  
*Member*

**Central University of Himachal Pradesh  
Dharamshala**

Sign  22/10/2021

Name: Prof. Vishal Sood

Designation: Registrar, CUHP

**Witnessed by:**

Sign  22/10/2021

Name: Prof. Pardeep Kumar

Designation: DSW

Sign 

Name:

Designation: Director, IQAC



**MEMORANDUM OF UNDERSTANDING  
[MOU]**

**Between**



**Central University of Himachal Pradesh  
Dharamshala, Himachal Pradesh (India)**

**&**



**Himalayan Forest Research Institute  
Conifer Campus, Panthaghati, SHIMLA-171 013  
HIMACHAL PRADESH (INDIA)**

Page 1 of 7



**MEMORANDUM OF UNDERSTANDING [MOU]**  
**Between**  
**Central University of Himachal Pradesh**  
**Dharamshala, Himachal Pradesh (India)**  
**&**  
**Himalayan Forest Research Institute**  
**Conifer Campus, Panthaghati, SHIMLA-171 013**  
**HIMACHAL PRADESH (INDIA)**

---

This Memorandum of Understanding (hereinafter called the "MOU") is entered into by and between:

Central University of Himachal Pradesh, Dharamshala, the premier multidisciplinary educational institution in the Northern India engaged in inter-alia, teaching, training, research & development and skill development in diverse areas of humanities, social, physical and life sciences, through the Vice Chancellor having its office at Central University of Himachal Pradesh, Camp Office, Dharamshala (hereinafter referred to as "CUHP" which expression, unless repugnant to the context or meaning thereof, shall include its successor(s), administrator(s) or permitted assigns), of the **FIRST PART**

AND

Himalayan Forest Research Institute (HFRI), Panthaghati, Shimla is one of the nine Regional Research Institutes of *Indian Council of Forestry Research & Education (ICFRE)*, Dehradun, Uttarakhand, an Autonomous Body under the Ministry of Environment, Forest & Climate Change, Government of India. The Institute came into existence during 1998 on the upgradation of High Level Conifers Regeneration Research Centre, Shimla, established in 1977 primarily to develop technology for the regeneration of Fir and Spruce. The mandate of the Institute is to carry out forestry research in the areas of Biodiversity Assessment, Modeling, Conservation, Inspect-Pests and Disease Management, Planting Stock Improvement of Conifers and broadleaved associates, Agroforestry Practices in Lower, Mid and Higher Hills and Cold Desert region, Cultivation and Sustainable Harvesting of Medicinal Plants, Eco-restoration of Cold Deserts and mined out areas and Dissemination of Research Findings to various Stakeholders through Extension Activities, etc. The jurisdiction of HFRI for forestry research and extension activities covers the state of Himachal Pradesh and Union Territories of Jammu & Kashmir and Ladakh.

Page - 2 - of 7



"CUHP" and the "HFRI" are hereinafter individually referred to as the "Party" and collectively as "Parties"

## 1. PURPOSE AND SCOPE OF THE AGREEMENT

- The purpose of this Memorandum of Understanding between the two parties is to provide a framework for the proposed collaboration for pursuing quality research and building a new generation of highly skilled human resource; providing entirely new opportunities for employment and economic development, with main focus on environment, bio-resource, skill development, livelihood opportunities, science and technology, biotechnology, health and wellness lifestyle domain of the Indian Himalayan Region (IHR).
- The exchange of experience and scientific knowledge between the two institutions will be of great interest for their mutual progress and also for the service of the society.
- Thus understanding the strength of each party in the field of Science & Technology, Environment & Climate Change, Biotechnology & Skilled HR, the CUHP and HFRI have agreed to enthusiastically promote and facilitate the said goals and work jointly within the shortest possible time with least procedural and bureaucratic delays.

## 2. PREAMBLE

Need for close linking of National Research Organizations/ laboratories with the Universities has been recognized by different scientific Ministries, Departments and other agencies, including the Ministry of Environment, Forest & Climate Change (MoEF&CC) and the University Grants Commission (UGC). In compliance to this felt need, the Himalayan Forest Research Institute (HFRI) and the Central University of Himachal Pradesh (CUHP), have decided to enter into a Memorandum of Understanding (MoU) as per the following terms and conditions:

### 2.1 Start-up Activities

- 2.1.1 Both parties agree upon to undertake taking up the joint R&D initiatives at the earliest in the relevant fields.
- 2.1.2 Both parties agree to prepare and submit joint projects of mutually agreed subjects to various funding agencies in State, Government of India including DST, DBT, ICMR, NMPB, etc. and other agencies, after signing the MoU.
- 2.1.3 HFRI and CUHP agree to work in synergy with various departments of both the parties for R & D activities.

### 2.2 The Anticipated Long Term Activities:

- 2.2.1 Creating highly skilled Human Resource, ready to work manpower and, better quality of life for the society and Indian Himalayan Region (IHR) in particular.



- 2.2.2 Attracting world-class talent & technology for the benefit of the IHR and the society.
- 2.2.3 Training local Human Resource, rural people, harnessing the Bio-resources of the State, and Interfacing with Local Academic and other Talent and Cultivating the Entrepreneurial Spirit in the Region.
- 2.2.4 Sharing respective important R&D facilities in order to promote academic and research activities to intensify the high priority area programmes of science and technology keeping in view the interest and philosophies of both the institutes and within the framed rules governing the two organizations.

### 3. GENERAL

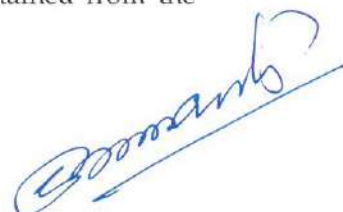
- 3.1 HFRIScientists and CUHPfaculty members of the Life Science, Environmental Science, Biotechnology, Biosciences, Institute of Integrated Himalayan Studies (IHS), Physical Science, Chemistry, Physics, Mathematics, Computer Science, Social Sciences, Economics, Geography, Sociology, IMS, IVS-Tourism, Geology, Agricultural Ergonomics Research Centre, Planning Research Corporation and Tribal Studies etc. will work towards joint research projects thereby mutually using research facilities developed/to be developed at HFRI and CUHP.
- 3.2 The faculty and students of the Life Science, Physical Science, Social Science and Humanities and other Departments of CUHP shall be allowed the use of library, computer and internet facilities of HFRI subject to the terms and conditions of HFRI. Scientists and Ph.D. Students of HFRI shall likewise be given the above mentioned facilities at CUHP subject to the terms and conditions of CUHP.
- 3.3 The faculty and students, as given in Para 4.1 shall be issued identity cards upon individual requests, through concerned HoDs/Dean of Concerned Faculties of CUHP, to be shown to authorities of the Institute as per HFRI rules so as to provide access to laboratories and other facilities of the Institute depending upon availability. Similarly, HFRI staff and research scholars will be provided access to CUHP facilities upon production of authentic identity cards/papers, issued by HFRI. However, prior intimation/approval needs to be taken from respective organizations/HoDs.
- 3.4 CUHP will recognize and accept the eligible HFRI Scientists for supervising research leading to the award of Ph.D. Degree as per the provisions of Ordinance for the Ph. D. programme of the University. HFRI, as a Research Centre, shall be duly recognized by CUHP, as per terms and conditions of CUHP.
- 3.5 Wherever required, HFRI shall provide hostel/guest house accommodation for CUHP faculty members and students coming to HFRI for research/collaboration work, subject to availability and on usual terms and conditions. Likewise, CUHP shall also make available hostel/guest house accommodation for HFRI scientists/research scholars/visiting faculty subject to availability and on usual terms and conditions.





#### 4. ACADEMIC AND DEVELOPMENTAL PROGRAMMES

- 4.1 For the mutual benefit of the two institutions, i.e. HFRI and CUHP, there can be exchange of HFRI Scientists and faculty members of the Life Science, Physical Science, Environmental Studies, Chemistry, Geography, Sociology, Biotechnology Departments and other related Departments of CUHP.
- 4.2 HFRI and CUHP Scientists/faculty members will help each other in preparing common observational/research programmes under intimation to the Head of the Institution.
- 4.3 While registering HFRI faculty/Research Scholars for Ph.D./D.Sc./D.Litt. degree in the CUHP subjects related to Life Science, Botany, Zoology, Environmental Science, Chemistry, Mathematics, Computer Science, Geography, Sociology, Microbiology, Biotechnology Departments, Physics, Tourism, Economics and other related subjects, the rules related to Ph.D./D.Sc./D.Litt. degree of CUHP will be valid. Faculty/Research scholars working at HFRI projects will be allowed for registration of Ph.D. degree of CUHP, under joint supervision of HFRI Faculty and one faculty from CUHP as per CUHP norms.
- 4.4 Faculty/students from CUHP will be allowed to carry out a part of research work at HFRI and CUHP depending upon nature of the research topic and also the availability of laboratory space/facilities and under co-supervision of HFRI faculty. However, cost-intensive lab work experiments would be considered on case-to-case basis by the Director, HFRI and Vice Chancellor, CUHP.
- 4.5 Publications and patents (if any) emanating from joint research work carried out at HFRI & CUHP will be the property of both.
- 4.6 HFRI and CUHP will work closely to generate appropriately trained manpower in areas of individual/mutual competence through organization of symposia, short term training courses, etc.
- 4.7 HFRI will provide summer/winter training facilities/Dissertation to selected P.G. students of CUHP, depending upon availability of space and HFRI Scientists will help in the preparation of project reports of these students. Research outcome during the training will be the property of HFRI, and no publications can be made without the written consent of the Supervisor (HFRI Scientist).
- 4.8 The faculties of CUHP and HFRI will explore the possibility of jointly seeking funds for conducting collaborative research from India and foreign agencies with due approval of both the participating parties.
- 4.9 The joint sponsored and consultancy projects may be undertaken with both long-term and short-term goal(s), keeping in view the interest, strength(s) and philosophies of both the parties.
- 4.10 The ethical clearance for each project if required should be obtained from the respective Institute's Ethics Committees.



## 5. Miscellaneous:

- 5.1 *Confidentiality and Non-Disclosure:* The Parties agree that in view of confidential, proprietary information, data and documents will be shared under a non-disclosure / confidentiality agreement between the parties.
- 5.2 *Amendments:* This MOU shall not be varied or amended unless such variation or amendment is agreed in writing by the competent authorities of both the parties.
- 5.3 *Notices:* All the notices to the Parties in respect to the matters covered under this MOU shall be in writing delivered to the Parties at its notified addresses in Shimla or at Dharamshala and also through their registered E-Mail.

### In case Central University of Himachal Pradesh:

*Recipient:*

Attention: **Registrar**

Telephone: 01892-229330

E-mail: registrar@hpcu.ac.in

### In case of HFRI

*Recipient:*

Attention: **Director**

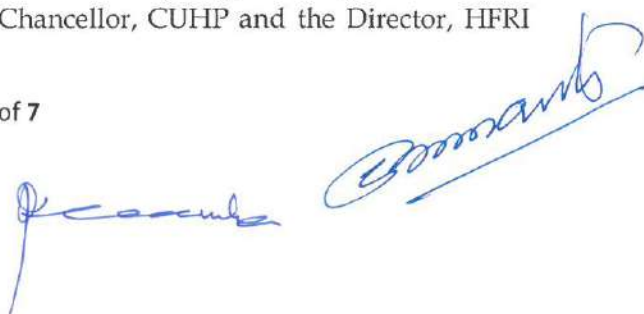
Telephone: 0177-2626778

E-mail: dir\_hfri@icfre.org

- 5.4 Notwithstanding anything contained hereinbefore, if any difficulty/dispute arises in the actual working of this MOU, the decision of the Vice Chancellor - CUHP and Director HFRI or their nominees shall be final and binding.

## 6. Execution of this Agreement

- 6.1 The Parties represent and warrant to each other that the individual signing on their respective behalf has been duly authorized and empowered to execute and deliver this Agreement and the Agreement, when fully signed and delivered, is binding on both the parties i.e. the "CUHP" and "HFRI". This MOU is valid till the time both the parties mutually consent to work together in synergy with each other.
- 6.2 It is agreed that the progress of this MOU will be monitored by the Vice-Chancellor, CUHP and the Director, HFRI through periodic meetings. Any change/modification/termination as introduced/suggested by the Review Committee (comprising of the Vice Chancellor, CUHP and the Director, HFRI



and such other members as may be mutually decided by them) shall be acceptable to both the institutions.

6.3 This Agreement is being executed in multiple copies each of which shall be deemed to be an original, under seal, **this ....<sup>rd</sup> day of December, 2021.**


7. **IN WITNESS WHEREOF**, both the parties hereto have set their hands onto this Memorandum of Understanding (MOU) on the day, month and year first above written in the presence of:

Signed this day of ..... December, 2021

Place:


  
23/12/2021  
Director

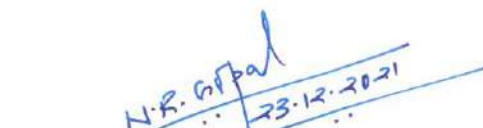
Himalyan Forest Research Institute  
Shimla, 171005, Himachal Pradesh

  
23/12/21  
Registrar

Central University of Himachal Pradesh,  
Dharamshala-176215, Himachal Pradesh

*In the presence of:*

  
23/12/2021  
Director, IQAC  
CUHP, Dharamshala

  
23.12.2021  
Head  
Department of English, CUHP

  
23/12/2021  
Group Coordinator Research  
Himalyan Forest Research Institute  
(HFRI)

  
23/12/21  
Drawing & Disbursing Officer  
Himalyan Forest Research Institute  
(HFRI)



**Thakur Jagdev Chand Samriti Shodh  
Sansthan Neri, Distt. Hamirpur, H.P. - 177001**

**Registration Form  
National Seminar**

**Bharatiya Freedom Movement :  
Narratives, Memories and Unsung Heroes**

*Kali. 5123, Vikrami samvat 2078,  
Margshirsh Sukl Prtipada-02 (04-05 December, 2021)*

1. Name : .....

2. Designation : .....

3. Affiliation : .....

4. Postal Address : .....

5. Academic Qualification : .....

6. E-Mail : .....

7. Ph./ Mob.No. : .....

8. Title of the Research Article : .....

9. Details of Registration Fee : .....

Date : .....

Place : .....

Signature

**Advisory Board**

1. **Sh. Vijay Mohan Kumar Puri**  
Chairman, Itihas Shodh Sansthan Neri, Hamirpur

2. **Prof. Kuldeep Ch. Agnihotri**  
Advisor to the Minister for Cultural Affairs, GoI

3. **Dr. Balmukund Pandey**  
National Organizing Secretary, ABISY, New Delhi

4. **Sh. Bhumidatt Sharma**  
Gen. Secy., Itihas Shodh Sansthan Neri, Hamirpur

5. **Dr. Chet Ram Garg**  
Director, Itihas Shodh Sansthan Neri, Hamirpur

6. **Prof. Sat Prakash Bansal**  
Vice Chancellor, CUHP Dharamshala

7. **Prof. Sikander Kumar**  
Vice Chancellor, HPU Shimla

8. **Prof. Kumar Ratnam**  
Member Secretary, ICHR, New Delhi

9. **Dr. Suresh Soni**  
Chairman, HPBOSE, HP

10. **Dr. Amarjeet Sharma**  
Director, Directorate of Higher Education, HP

11. **Prof. Narayan Singh Rao**  
Dean, HoD, History, CUHP Dehra

12. **Dr. Arun Kumar**  
HoD, Dept. of History, HPU Shimla (HP)

13. **Prof. O. P. Sharma**  
Director-Vaicharik Paksh, I. S. S. Neri, Hamirpur

14. **Prof. B. C. Chauhan**  
Director-Sah-Vaicharik Pakesh, I.S.S. Neri, Hamirpur

**Organizing Committee**

1. Dr. Raghvendra Yadav (Co-Convener)  
2. Dr. Rakesh Kumar Sharma (Co-Convener)

3. Dr. Vikas Sharma

4. Sh. Surender Nath Sharma

5. Sh. Piar Chand Parmar

6. Sh. Narender Ku. Nanda

7. Sh. Desraj Sharma

8. Dr. Surat Thakur

9. Dr. M.R.Sharma

10. Sh. Vijay Sharma

11. Sh. Jagbir Chandel

12. Dr. B.R. Thakur

13. Dr. Manoj Sharma

14. Dr. Ankush Bhardwaj

15. Dr. Nandlal Thakur

16. Prof. Roshini Bhardwaj

17. Dr. Mahinderpal

18. Dr. Mahinder

19. Dr. J.P. Sharma

20. Dr. Mahesh Sharma

21. Prof. Shakti Singh

22. Sh. Praveen Bhatti

23. Dr. Naresh Kumar

24. Dr. Jyoti Parashar

25. Dr. Vinay Kumar

26. Dr. Dinesh Kumar

27. Prof. Rajinder Kumar

28. Prof. Rampal

29. Sh. Rishi Bhardwaj

30. Sh. Mohit Dankan



ॐ  
नामूलं लिख्यते किञ्चित्



**Indian Council for Historical Research, New Delhi**  
sponsored

**National Seminar**

on

**Bharatiya Freedom Movement :  
Narratives, Memories and Unsung Heroes**

*Kali. 5123, Vikrami samvat 2078,  
Margshirsh Sukl Prtipada-02 (04-05 December, 2021)*

**Organized by**

**Itihas Shodh Sansthan Neri (HP)**

&

**Itihas Sanklan Yojana Samiti, Himachal Pradesh**  
Department of History, Central University of Himachal Pradesh, Dehra  
Department of History, Himachal Pradesh University, Shimla

**Venue :**

**Itihas Shodh Sansthan**  
VPO Neri, Distt. Hamirpur (HP) – 177001  
Email: seminarneri@gmail.com

Convener  
**Dr. Kanwar Chandrdeep Singh**  
Associate Professor,  
Department of History,  
Central University of Himachal Pradesh  
Ph.No. 9531804179  
Email: kanwar.chandrdeep@gmail.com

Organizing Secretary  
**Dr. Raj Kumar**  
Assistant Professor  
Department of History  
Himachal Pradesh University  
Ph. No. 8219708010  
Email rajkumar hp 2505@gmail.com

**Thakur Jagdev Chand Samriti Shodh Sasnthan  
Neri, Hamirpur (HP)**

**Shodh Sansthan Neri**

The Shodh Sansthan Neri is a research institution located in the district of Hamirpur in the lush green hills of Himachal Pradesh, a state also called as Devbhoomi. The institute is devoted to the higher learning in history and culture with clear-cut emphasis on providing newer perspectives and ideas. The institute has been carrying out research in history on the themes of national and regional importance by providing alternative perspectives to established perceptions. The institute is going to complete its two decades of service in the field of fundamental research in history in the year 2022. The Shodh Sansthan Neri can be reached via road from all the major cities of Himachal Pradesh as well as from the neighbouring states. The nearest railway station is at Amb-Andaura (Una) which is one and half hour drive from the institute. The nearest airport is at Kangra (Gaggal) which is a two and half hour drive. Envisioned on the sanatana model of Gurukula, the institute offers generous facilities to the researchers, which include a library, reading halls, conference halls, a guesthouse, separate residential facilities for boys and girls with attached baths and a dining hall.

**About the Conception and Objectives of the Seminar**

In the 19th century an assortment of factors played a vital role in arousing the national sentiment among the Bharatiya subjects of the British Raj. The national struggle for the attainment of Swaraj and Swadharma was not therefore monolithic or one dimensional. Within the 'mainstream' political nationalism as espoused by the then political leaderships, there have been varied ideological sub-streams represented by its array of leaders belonging to the diverse backgrounds. The national movement therefore came with varying denominators. Of which, some have been heavily

explored while the others were summarily ignored or were less delved upon. Importantly however, all the denominators have hinged themselves around the *Sva* factors. On the eve of 75th year of Bharat's independence which the proud nation is celebrating as the **Azadi ka Amrit Mahotsav**, the academic exploration of these *Sva* factors is the fundamental aim of this seminar. The factors include the role of ethics of sanatana dharma, cultural mores, civilizational ethos, national art, national literature and not the least the unsung men and women in espousing the cause of independence. In the regional context, case of the Himalayan state of Himachal Pradesh is inquisitive to delve upon. An enquiry is thus needed to be initiated into the unexplored facets of the freedom struggle in state in which the role of different strata including the commoners, who had laid their lives, unheard and unsung. The seminar aims to open new vistas of research in our understanding of the Bharat's national movement in general and its extension as well as its implications in Himachal Pradesh, in particular.

**Major Themes of the Seminar**

The title of the seminar is all encompassing containing varied facets that fueled our anti-colonial struggle. However, for the sake of precision vis-à-vis the thrust areas, this seminar is divided into different Sub-themes but they are not exclusive and, academic liberty can be taken within the broad parameters of the seminar's title. Themes to be deliberated will include the following, but are not limited to

1. Ethics of Swaraj, Sarvodya and Swadeshi
2. Dharmic Influences on Bharat's National Movement
3. Socio-Religious Reform Movements and their Impact on Nationalism
4. Literary Nationalism and its Traditions
5. Anti Colonial Art Expressions
6. Indian Women and Independence
7. Reflections on Freedom Struggle in the Himalayas

**8 .Patriots and Patriotism: Freedom Heroes of Himachal Pradesh**

**9 .Unheard Narratives of the Unsung :Lore ,Tales and Legends**

**Important Dates**

Registration for the Seminar	30 October, 2021
Submission of Abstracts	10 October, 2021
Submission of Full Article	30 October, 2021

**Registration Fees**

For Faculty Members	: Rs 500
For Research Scholars	: Rs 300
For PG Students and Others	: Rs 100

**Bank Account Details for Depositing the Seminar Registration Fees**

Acc. No. 11500210001851

UCO Bank, Hamirpur, H.P.

IFSC: UCABA000110

**Boarding and Lodging**

The Shodh Sansthan Neri has comfortable residential facilities which hygienic food for the participants. The local transport facilities may be provided to the participants on requirement, subject to availability of the vehicles.

**Publication of the Research Articles**

The Shodh Sansthan Neri will publish the selected original and high quality research papers of the seminar in the edited volume in both Hindi and English. The articles shall ideally be 4000-6000 worded with proper references and notes. The font of the research papers in Hindi should be **Kruti Dev 010**, size 14 and for the English it should be in **Times New Roman, size 12**. The papers can be emailed to **seminarneri@gmail.com**.

## सहमति अनुबंध



हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, धर्मशाला, हिमाचल प्रदेश-176215

और



शिक्षा संस्कृति उत्थान न्यास, पंजीकृत शैक्षिक, संस्था संदर्भ, क्रमांक 1023 पंजीकरण  
दिनांक 24.05.2007, सरस्वती बाल मंदिर, जी ब्लॉक, नारायणा विहार, नई दिल्ली-  
110028, [www.bharatiyashiksha.com](http://www.bharatiyashiksha.com), Email:-[atulssun@gmail.com](mailto:atulssun@gmail.com)  
दूरभाष सं.011-25898023.

इस सहमति अनुबंध के लिए यहाँ हिमाचल प्रदेश के केंद्रीय विश्वविद्यालय,  
धर्मशाला, हिमाचल प्रदेश को "हि.प्र.के.वि." और शिक्षा संस्कृति उत्थान न्यास को  
"न्यास" कहा जाएगा।

अधिकृत हस्ताक्षरकर्ता  
शिक्षा संस्कृति उत्थान न्यास,  
नई दिल्ली।

प्राधिकृत हस्ताक्षरकर्ता  
कुलसचिव  
हिमाचल प्रदेश केंद्रीय विश्वविद्यालय,  
धर्मशाला।



## 1. अकादमिक:-

क्र. सं.	पाठ्यक्रम का नाम	अवधि	पात्रता
1	वैदिक गणित का प्रमाण-पत्र/डिप्लोमा पाठ्यक्रम	06 माह/ 12 माह	उच्चतर माध्यमिक या समकक्ष हो

हि.प्र.के.वि. के दर्शाए पाठ्यक्रम को विश्वविद्यालय के नियमानुसार सत्र 2021-22 में संचालित करेगा तथा न्यास को विषय-विशेषज्ञ, पाठ्यक्रम सामग्री तथा अकादमिक सहयोग प्रदान करने हेतु अधिकृत करता है। वैदिक गणित का प्रमाण-पत्र पाठ्यक्रम सत्र 2021-22 में मिश्रित माध्यम (ऑनलाइन और ऑफलाइन) द्वारा संचालित होगा।

## 2. पाठ्यक्रम :-

न्यास के विशेषज्ञ, हि.प्र.के.वि. को पाठ्यक्रम निर्माण में सहायता करेंगे।

## 3. पाठ्यक्रमकापरिसंचालन :-

यह पाठ्यक्रम नियमित मिश्रित माध्यम (ऑनलाइन और ऑफलाइन) द्वारा संचालित किया जाएगा। हि.प्र.के.वि., न्यास के द्वारा तैयार किए गए पाठ्य सामग्री को प्रवेशित अभ्यर्थियों को प्रदान करेगा।

## 4. परीक्षाएं:-

परीक्षाओं का प्रारूप न्यास और हि.प्र.के.वि. संयुक्त रूप से तैयार करेंगे।

## 5. सेमिनार, कार्यशाला, संगोष्ठी व अन्य अनुसन्धान क्रियाएँ :-

न्यास और हि.प्र.के.वि. संयुक्त रूप से सेमिनार, कार्यशाला, संगोष्ठी व अन्य अनुसन्धान क्रियाओं का आयोजन करेंगे।

## 6. रिसोर्स पर्सन :-

न्यास, हि.प्र.के.वि. को रिसोर्स पर्सन प्रदान करेगा और हि.प्र.के.वि., न्यास को रिसोर्स पर्सन प्रदान करेगा।

## 7. अनुबंध की अवधि :-

यह अनुबंध 2021-2023 तक के लिए किया जाता है।

### 8. अनुबंध का संशोधन/समाप्ति :-

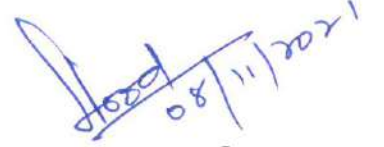
अनुबंध में शामिल संस्थाओं के मध्य परस्पर समझौते के आधार पर अनुबंध समाप्ति के पहले नवीनीकृत किया जा सकता है अथवा 06 माह पूर्व सूचना देकर अनुबंध समाप्त किया जा सकता है।

### 9. विधिक विवाद :-

विधिक विवाद हिमाचल प्रदेश की सीमा के अंतर्गत सीमित होंगे।



अधिकृत हस्ताक्षरकर्ता  
शिक्षा संस्कृति उत्थान न्यास,  
नईदिल्ली।  
विश्वविद्यालय,



प्राधिकृत हस्ताक्षरकर्ता  
कुलसचिव  
हिमाचल प्रदेश केंद्रीय  
धर्मशाला

स्थान:

तिथि:

1. साक्षी 

डा० पंकज कुमार S/o स्वर्गीय श्री मनीराम  
सहायक प्रोफेसर, श्रीनिवास रामानुजन गीठाल विभाग

2. साक्षी 

डा० प्रदीप कुमार  
अध्यक्ष, क्षेत्र कल्याण  
हि० प्र० के० वि० वि०

3. साक्षी   
08.11.2021

प्रो. मनोज कुमार सक्सेना  
सम-वमक  
प्रोफेसर पारिसर-1  
हिमाचल प्रदेश केंद्रीय विश्वविद्यालय  
धर्मशाला

**MEMORANDUM OF UNDERSTANDING (MoU)**  
**BETWEEN AYUSH HERBS PVT. LTD. NAGROTA BAGWAN, DISTT. KANGRA,**  
**AND**  
**CENTRAL UNIVERSITY OF HIMACHAL PRADESH, DHARAMSALA**

This Memorandum of Understanding hereinafter referred to as MoU is signed on this 7<sup>th</sup> February, 2022 between the **AYUSH HERBS PVT. LTD. NAGROTA BAGWAN, DISTT. KANGRA**, hereinafter called "AYUSH HERBS PVT. LTD." which expression, unless otherwise provided, shall include its successors and assignees, on the one part and the **Central University of Himachal Pradesh, Dharamshala, District Kangra (Himachal Pradesh)-176215**, hereinafter called "CUHP" which expression, unless otherwise provided, shall include its successor of assignees on the other part.

**Preamble**

Whereas the Ministry of Education (MoE) and the University Grants Commission (UGC) has realized the need for a close linkage between Industries and Universities in terms of research activities. In compliance to this idea, **Central University of Himachal Pradesh, Dharamshala (H.P.) & AYUSH HERBS PVT. LIMITED, NAGROTA BAGWAN 25, INDUSTRIAL AREA, PHASE -1, NAGROTA BAGWAN, DISTT. KANGRA, INDIA**, have expressed a desire to join hands for the cause of promotion of innovation and quality research and decided to sign Memorandum of Understanding (MOU) to initiate academic and research program between the two Institutions.

Whereas both the **Central University of Himachal Pradesh, Dharamshala (H.P.) & Ayush Herbs Pvt. Limited, Nagrota Bagwan 25, Industrial Area, Phase -1, Nagrota Bagwan, Distt. Kangra, India**, recognize that they share common goals and are desirous to establish, a cooperative arrangement towards - strengthening innovative and research through mutual resource sharing.





Whereas both organizations are desirous to associate in all other related areas as may be agreed upon for furtherance of knowledge based enterprises, apt technical and management skill for future technology development, exchanging of information and work towards effective Research Institutions-Academia partnerships for Ministry of Education (MoE).

**THE FIRST PARTY** represented herein by its **Dean, School of Earth and Environmental Sciences** (herein after referred as '**First Party**', the institution which expression, unless excluded by or repugnant the subject or context shall include its successors-in-office, administrators and assigns).

**AND**

**AYUSH HERBS PVT. LIMITED, NAGROTA BAGWAN 25, INDUSTRIAL AREA, PHASE -1, NAGROTA BAGWAN, DISTT. KANGRA, INDIA** (hereinafter referred to as "AYUSH" which term wherever it occurs shall mean and include their legal heirs, successors, agents, representatives and assigns) herein after referred to as "**Second Party**".

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

**WHEREAS:**

- A) First Party is: Central University of Himachal Pradesh, Dharamshala (H.P.) for innovation related activities in the University.**
- B) First Party & Second Party 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.**
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.**
- D) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interests.**
- E) Ayush Herbs Pvt. Limited, Nagrota Bagwan 25, Industrial Area, Phase -1,**

Nagrota Bagwan, Distt. Kangra, India, the Second Party is engaged in Business, Manufacturing, Skill Development, Education and R&D Services in the fields of *-plant extracts, herbal concoction, Ayurveda-* and related fields

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

**CLAUSE 1: CO-OPERATION**

- 1.1 Both Parties 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 within the **Institution** and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing new range of products/ process through suitable research/ training systems, keeping in mind the needs of the industry, the Second Party.
- 1.3 The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

**CLAUSE 2: SCOPE OF THE MoU**

- 2.1 The budding Post graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry.





Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills, knowledge & opportunities.

- 2.2 **Curriculum Design:** Second Party will give valuable inputs to the First Party in research / training methodology and suitably customize the curriculum so that the students fit into the industrial scenario meaning fully.
- 2.3 **Industrial Training & Visits:** Industry and Institution interaction will give an insight in to the latest developments / requirements of the industries; the Second Party to permit the Faculty , selected students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party.
- 2.4 **Research and Development:** Both Parties have agreed to carry out the joint research activities in the fields of plant extracts, herbal concoctions and Ayurveda. The other faculty members may be involved as per the interest and mutual agreement of both the parties.
- 2.5 **Skill Development Programs:** Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready.
- 2.6 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lecture to the students of the First Party on the technology trends and in house requirements.
- 2.7 **Faculty Development Programs:** Second Party to train the Faculties of First Party for imparting training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.
- 2.8 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the





terms specified herein.

- 2.9 There is no financial commitment on the part of the **Central University of Himachal Pradesh, Dharamshala (H.P.)** the First Party to take up any program mentioned in the MoU. If there is any financial consideration, it will be dealt separately.
- 2.10 The student shall be required to submit 'No Dues Certificate' from the Co-guide on behalf of second party if any before submission of thesis.
- 2.11 The student shall submit a copy of his/her thesis to the second party.

### **CLAUSE 3: INTELLECTUAL PROPERTY**

- 3.1 Nothing contained in this MOU shall, by express grant, implication, Estoppels 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. However, when both the parties have performed some joint work, it should be guarded by the due credit of intellectual properties of the parties involved. The credits can be discussed mutually and consent of both parties should be there before guarding such rights.

### **CLAUSE 4: VALIDITY**

- 4.1 This MoU comes into effect from the date of its signing and will remain in force till the completion of five (05) years. Its validity can be extended by mutual agreement between both the parties.
- 4.2 This MoU supersedes all the previous correspondences and discussions, undertakings and agreement between the two parties on the subject pertaining to this MoU.

### **CLAUSE 5: FINANCIAL TERMS**

- 5.1 There shall be no financial obligations on the part of the **Ayush Herbs Pvt.**

Two handwritten signatures in blue ink are present at the bottom of the page. The signature on the left is a stylized, cursive 'H'. The signature on the right is a more complex, cursive signature, possibly reading 'f. chula'.

**Limited, Nagrota Bagwan and Central University of Himachal Pradesh.**

Expenditures related to sample preparation, and experimentation would be borne by respective labs at their own end.

#### **CLAUSE 6: FORCE MAJEURE**

6.1 Neither party shall be held responsible for non-fulfillment of their respective obligation / under this MoU due to the exigency of one or more of the force majeure events, such as, but not limited to Acts of God, War, Flood, Earthquakes, Strike(s), Lockout(s), Epidemics, Riots, Civil commotion etc. provided on occurrence and cessation of such events, the party affected by these shall give a notice in writing to the other party within one month of such occurrence and cessation. If the majeure conditions continue beyond six months, the parties shall then mutually decide about the future course of action.

#### **CLAUSE 7: RELATIONSHIP BETWEEN THE PARTIES**

7.1 It is expressly agreed that **AYUSH HERBS PVT. LIMITED** and **CENTRAL UNIVERSITY OF HIMACHAL PRADESH, DHARAMSHALA (H.P.)** are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. 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. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU 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 credit on behalf of the other Party.

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the



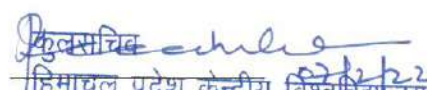
First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of **Dharamshala**. The Memorandum of Understanding is not only limited to the condition laid in the draft but can be amended as and when need arises as per mutual consent of both the Parties.

IN WITNESS WHEREOF, the Parties hereto have duly executed this MOU on 7<sup>th</sup> day of February year Two Thousand and Twenty Two.

**AGREED:**

For, Central University of Himachal Pradesh

For, Ayush Herbs Pvt. Limited

  
 हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय  
 Authorised Signatory  
 के निकट, धर्मशाला, फुल्लंडा (हि0प्र0)-176215

  
 Authorised Signatory

Name of Institution-Central University of Himachal Pradesh	Name of Industry-AYUSH HERBS PVT. LIMITED
<b>Address:</b> Central University of Himachal Pradesh <b>Dharamshala-176215</b>	<b>Address:</b> Ayush Herbs Pvt. Limited, Nagrota Bagwan 25, Industrial Area, Phase -1, Nagrota Bagwan, Distt. Kangra, India
Contact Details: 9418648086	Contact Details: 98160-51123, 8894959190
E-mails: <a href="mailto:akmahajan@rediffmail.com">akmahajan@rediffmail.com</a>	E-mails: <a href="mailto:jsodhi@ayushherbs.com">jsodhi@ayushherbs.com</a> , <a href="mailto:info@ayushherbs.com">info@ayushherbs.com</a>
Web: <a href="http://www.cuhimachal.ac.in">www.cuhimachal.ac.in</a>	Web: <a href="http://www.ayushherbs.com">www.ayushherbs.com</a>

Witness1:   
 07/02/2022

  
 Witness2:



## समझौता ज्ञापन



## हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय

(संसद के एक अधिनियम द्वारा स्थापित)



## हिमाचल शिक्षा समिति

(संबद्ध विद्या भारती अखिल भारतीय शिक्षा संस्थान)



## योग भारती हिमाचल

फरवरी २०२२

यह समझौता ज्ञापन हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, हिमाचल शिक्षा समिति एवं योग भारती हिमाचल के मध्य दिनांक ०४ फरवरी २०२२ को हस्ताक्षरित किया जाता है।

### 1. प्रस्तावना

योग अध्ययन केंद्र (हिमाचल प्रदेश केंद्रीय विश्वविद्यालय), हिमाचल शिक्षा समिति एवं योग भारती हिमाचल, योग के विषय पर अध्ययन-शिक्षण, एवम् गहन शोध के कार्य में जुटी है। उपरोक्त संस्थाएं, योग के प्रचार-प्रसार की दिशा में भी कार्यरत है। योग अध्ययन केंद्र (हिमाचल प्रदेश केंद्रीय विश्वविद्यालय), हिमाचल शिक्षा समिति एवं योग भारती हिमाचल गत दो वर्षों से परस्पर सहयोग भी कर रहे हैं, जिसमें हिमाचल शिक्षा समिति एवं योग भारती से योग विषय के विशेषज्ञ, योग अध्ययन केंद्र (हिमाचल प्रदेश केंद्रीय विश्वविद्यालय) में व्याख्यान एवं योगाभ्यास कराने के लिए समय-समय पर आते रहे हैं। अतः योग अध्ययन केंद्र, (हिमाचल प्रदेश केंद्रीय विश्वविद्यालय), हिमाचल शिक्षा समिति एवं योग भारती हिमाचल के संसाधनों को पाठ्यक्रम विकास, योगाभ्यास से संबन्धित शिविरों/वर्गों एवं व्याख्यान/कार्यशालाओं/संगोष्ठियों के आयोजन, अनुसंधान व अन्वेषण के कार्य हेतु दृढ़ता से एक पटल पर लाने का उचित समय आ गया है। इससे हिमाचल प्रदेश केंद्रीय विश्वविद्यालय के योग अध्ययन केंद्र में शिक्षा ग्रहण कर रहे विद्यार्थियों को योग की सिद्धता एवं उत्कृष्ट योग शिक्षक के निर्माण हेतु सहायता मिलेगी। यह समझौता विद्यार्थियों में योग के विषय में अनुसंधान की भावना को बढ़ाने में उपयोगी सिद्ध होगा। योग अध्ययन केंद्र, (हिमाचल प्रदेश केंद्रीय विश्वविद्यालय), हिमाचल शिक्षा समिति एवं योग भारती हिमाचल के बीच दृढ़ अनुसंधान संबंध व बेहतर तालमेल स्थापित हो सके, उसकी पूर्ति और उद्देश्यों को ध्यान में रखते हुए 'एक औपचारिक समझौता' हस्ताक्षरित किया जाना एक महत्वपूर्ण कदम है।

### 2. समझौता ज्ञापन की अवधि एवं समय वृद्धि

समझौता ज्ञापन की वैधता सीमा पंद्रह (१५) वर्ष रहेगी, जिसे आपसी सहमति तथा नई नियमों एवं शर्तों के साथ आगे कई वर्षों तक बढ़ाया जा सकता है।

### 3. योग अध्ययन केंद्र, (हिमाचल प्रदेश केंद्रीय विश्वविद्यालय) की गतिविधियां

हिमाचल प्रदेश केंद्रीय विश्वविद्यालय की स्थापना केंद्रीय विश्वविद्यालय अधिनियम, २००९ के अंतर्गत हुई। इस विश्वविद्यालय में योग अध्ययन केंद्र की स्थापना २०१९ को हुई। योग अध्ययन केंद्र द्वारा योग अध्ययन में

Meenakshi Sood







स्नातकोत्तर डिप्लोमा एवं योग अध्ययन में सर्टिफिकेट नामक दो कार्यक्रम वर्तमान में चलाये जा रहे हैं। हिमाचल प्रदेश एवं देश के अन्य राज्यों से विद्यार्थी इन कार्यक्रमों में शिक्षण अर्जित कर रहे हैं। इसके अतिरिक्त योग अध्ययन केंद्र, हिमाचल प्रदेश में योग के प्रचार-प्रसार के लिए सतत प्रयास कर रहा है। हिमाचल प्रदेश केंद्रीय विश्वविद्यालय ने सन् २०१५ में प्रथम अंतर्राष्ट्रीय योग दिवस का आयोजन किया। तदुपश्चात प्रत्येक वर्ष २१ जून को अंतर्राष्ट्रीय योग दिवस का आयोजन किया जा रहा है। इस कार्यक्रम के माध्यम से विद्यार्थियों, शिक्षकों एवं समाज में योग के प्रति जागरूकता बढ़ाने का प्रयास किया गया है। सन् २०२१ में इस कार्यक्रम के उपलक्ष्य पर योग अध्ययन केंद्र ने विशेष रूप से विद्यार्थियों, शिक्षकों एवं समाज के सभी वर्गों के लिए ५१ दिवसीय योग शिविर का आयोजन किया। इसके अतिरिक्त यह केंद्र, योग एवं संबन्धित विषयों पर नियमित व्याख्यानों का आयोजन करता रहता है। यह केंद्र समाज के भिन्न-भिन्न आयु वर्गों के लिए आवश्यकता अनुसार समय-समय पर योग शिविरों का आयोजन भी करता रहता है।

#### 4. हिमाचल शिक्षा समिति की गतिविधियां

हिमाचल प्रदेश में हिमाचल शिक्षा समिति का कार्य १९८० में पांवटा साहिब में एक सरस्वती विद्या मन्दिर प्रारम्भ होने के साथ शुरू हुआ। उसके उपरान्त हिमाचल शिक्षा समिति से कार्यकर्ता जुड़ते गए। अनेक बाधाएँ आने के बाद भी विद्यालय बढ़ते गए। हिमाचल प्रदेश में ये विद्यालय ग्रामीण जनजातीय एवं दुर्गम क्षेत्रों में चल रहे हैं। हिमाचल के सुदूर क्षेत्र चम्बा जिले का पांगी हो या लाहौल-स्पिति का केलांग तथा उदयपुर, जो वर्ष के छः महीने देश के अन्य भागों से कटा रहता है, में भी कार्य चल रहा है। हिमाचल शिक्षा समिति सम्पूर्ण प्रदेश में अनुशासित तथा संस्कार रूपी ज्ञान का प्रकाश निरन्तर देने में अग्रसर है। हिमाचल शिक्षा समिति, हिमाचल प्रदेश में नर्सरी कक्षा से लेकर १०+२ तक के २०८ सरस्वती विद्या मंदिरों का संचालन कर रही है। हिमाचल जैसे पहाड़ी प्रदेश में सरस्वती विद्या मंदिरों ने भारतीय जीवन मूल्यों के आधार पर शिक्षा व्यवस्था लागू कर अपनी एक पृथक पहचान बनाई है।

भारतीय ज्ञान परंपरा में योग एक महत्वपूर्ण विषय है। आज स्वस्थ एवं चुस्त-दुरुस्त रहने की दृष्टि से समाज में योग शिक्षा की विशेष रूप से मांग बढ़ रही है। इसी निमित्त हिमाचल शिक्षा समिति ने अन्य विषयों के साथ योग विषय का पाठ्यक्रम अपने विद्यालयों में लागू किया है। हिमाचल शिक्षा समिति के पास अनेकों योग प्रशिक्षित प्रशिक्षकों की टोली भी है।

Meenakshi Sud





## 5. योग भारती हिमाचल की गतिविधियां

‘पहला सुख निरोगी काया’ की परिकल्पना को साकार रूप देने के उद्देश्य से योग भारती हिमाचल की स्थापना ०८ अक्टूबर २०१९ को सोलन, हिमाचल प्रदेश में हुई। संस्था का मुख्य प्रशिक्षण केंद्र – ‘माधव सृष्टि परिसर’, अश्वनी खड, गण की सेर, सोलन में है।

योग भारती हिमाचल का मुख्य उद्देश्य है, समाज में योग के क्षेत्र में कार्य कर रहे विभिन्न संस्थानों से तालमेल बिठाकर योगाभ्यास, योग शिविर, योग प्रशिक्षण वर्ग एवं योग कार्यक्रमों की योजना तैयार करना ताकि सभी प्रांतों के हर जिले और तहसील से लेकर पंचायत स्तर एवं गांव तक योग शिक्षक तैयार हो सके। इस उद्देश्य को प्राप्त करने हेतु योग भारती हिमाचल, हिमाचल प्रदेश के अलग-अलग स्थानों पर दो-तीन दिनों के योग शिविर का आयोजन कर रही है। इन शिविरों में योग के मूलभूत सिद्धांत, योग दर्शन, आसन, प्राणायाम रहस्य, मानव शरीर रचना, मुद्रा ज्ञान, सूर्य नमस्कार, पारंपरिक दंड बैठक, सूक्ष्म व्यायाम, पंचतत्व, पंचकोष, सप्तधातु एवं एक्यूप्रेशर का प्रशिक्षण दिया जाता है।

इसके अतिरिक्त, योग भारती हिमाचल, हर सप्ताह सामूहिक योगाभ्यास, प्रत्येक महीने योग चिकित्सा कैंप का आयोजन, विविध योग संस्थानों के सहयोग से सभी जिलों में योग वर्ग व योग के कार्यक्रम का आयोजन एवं स्कूल, कॉलेज, मंदिर, गुरुद्वारा, सत्संग भवन, सामाजिक एवं धार्मिक संस्थानों में योग अभ्यास केंद्र स्थापित करने के लिए प्रयासरत है।

संस्था के सोलन स्थित मुख्य प्रशिक्षण केंद्र में अनेक योग प्रशिक्षण शिविरों का आयोजन किया जा चुका है। कोरोना काल के दौरान विशेष ऑनलाइन शिविर लगाये गए, जिसमें लगभग ८०० से ज्यादा लोगों ने योग प्रशिक्षण प्राप्त किया। प्रत्येक रविवार योग शिक्षकों के लिए अलग-अलग योगाचार्यों एवं विविध प्राकृतिक चिकित्सा पद्धतियों के विशेषज्ञों द्वारा ऑनलाइन योगाभ्यास करवाया जा रहा है।

योग भारती हिमाचल के प्रमुख आयाम है - योग शिक्षक, आरोग्य मित्र प्रशिक्षण, वन औषधि पौधारोपण, अपना ग्राम स्वस्थ ग्राम, गर्भ संस्कार, युवाओं एवं युवतियों में योग के प्रति रुचि पैदा करना, प्राथमिक

Meenakshi Snd

उपचार, विद्यालय स्वास्थ्य प्रबोधन, जड़ी बूटियों द्वारा घरेलू उपचार, मधुमेह मुक्त भारत अभियान, महिला सशक्तिकरण, नित्य प्रति योगाभ्यास से सामाजिक बुराइयों का अंत करना।

## 6. समझौता ज्ञापन के मुख्य बिन्दु

योग अध्ययन, योग के विषय में शोध कार्यों के प्रोत्साहन एवं योग के प्रचार-प्रसार करने के उद्देश्य से योग अध्ययन केंद्र, (हिमाचल प्रदेश केंद्रीय विश्वविद्यालय), हिमाचल शिक्षा समिति एवं योग भारती हिमाचल के बीच निम्नलिखित शब्दों के साथ एक समझौता ज्ञापन हस्ताक्षरित करने का निर्णय लिया जाता है जिसके मुख्य बिंदु शर्तें इस प्रकार से हैं:

- तीनों संस्थाएं योग के माध्यम से एक रोग मुक्त, स्वस्थ एवम् समृद्ध समाज के निर्माण हेतु परस्पर सहयोग करेंगे।
- योग भारती हिमाचल अपने सभी शिविरों के शुल्क में हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय के विद्यार्थियों, शिक्षकों एवं गैर-शैक्षणिक कर्मचारियों को १० प्रतिशत छूट प्रदान करेगा।
- हिमाचल प्रदेश केंद्रीय विश्वविद्यालय के विद्यार्थी, शिक्षक एवं गैर-शैक्षणिक कर्मचारी योग भारती हिमाचल द्वारा संचालित शिविरों में अपनी स्वेच्छा से भाग ले सकते हैं।
- तीनों संस्थाएं योग से संबन्धित विषयों पर संयुक्त रूप से व्याख्यान, संगोष्ठी, शिविर एवं लघु प्रशिक्षण कार्यक्रमों का आयोजन करेंगे।
- तीनों संस्थाएं संयुक्त अनुसंधान परियोजनाओं पर कार्य करेंगे।
- योग अध्ययन केंद्र, (हिमाचल प्रदेश केंद्रीय विश्वविद्यालय) के संकाय सदस्य एवं विद्यार्थी अपने अनुसंधान कार्यक्रमों एवं साहित्य सर्वेक्षण हेतु हिमाचल शिक्षा समिति तथा योग भारती हिमाचल में अपने सुविधा अनुसार आवागमन कर सकेंगे।
- जहां तक संभव हो सके, तीनों संस्थाएं एक दूसरे के शिक्षकों, योग प्रशिक्षकों, अधिकारियों एवं विद्यार्थियों को उनकी शोध कार्यक्रमों हेतु आधिकारिक यात्रा के समय अपने-अपने छात्रावासों / अतिथि गृहों में नियमानुसार एवं उपलब्धता के अनुसार आवासीय सुविधाएँ उपलब्ध करवाएंगे।

Meenakshi Snd



## 7. क्रियान्वयन एवं समीक्षा

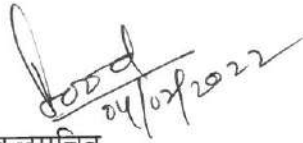
- योग अध्ययन केंद्र, (हिमाचल प्रदेश केंद्रीय विश्वविद्यालय), हिमाचल शिक्षा समिति एवं योग भारती हिमाचल अपने अनुसंधान कार्यक्रम एवं गतिविधियों को सुचारू रूप से क्रियान्वित करने हेतु कार्यक्रम समन्वयक की नियुक्ति करेंगे।
- समझौता ज्ञापन के तहत किए गए शोध कार्यों एवं कार्य प्रगति की समीक्षा हेतु एक समीक्षा समिति गठित की जाएगी।
- इस प्रकार परस्पर सहमति है कि इस समझौता ज्ञापन के उद्देश्य एवं प्रतिमानों के पालन तथा उपरोक्त शर्तों में समीक्षा समिति द्वारा किया गया कोई भी संशोधन अथवा निरस्तीकरण तीनों संस्थाओं (हिमाचल प्रदेश केंद्रीय विश्वविद्यालय, हिमाचल शिक्षा समिति एवं योग भारती हिमाचल) को मान्य होगा।

तीनों पक्ष इस समझौता ज्ञापन को ०४ फरवरी २०२२ दिन को हस्ताक्षरित कर क्रियाशील करते हैं।

कुलसचिव

हिमाचल प्रदेश केंद्रीय विश्वविद्यालय  
हिमाचल प्रदेश केंद्रीय विश्वविद्यालय  
कैंप कार्यालय, एपीसीए क्रिकेट स्टेडियम  
के निकट, धर्मशाला, हिमाचल प्रदेश 176215

कुलसचिव

  
24/07/2022

अध्यक्ष

अध्यक्ष  
हिमाचल शिक्षा समिति  
हिमाचल शिक्षा समिति  
विशाला, हिमाचल प्रदेश हि०प्र०

Meenakshi Sood

अध्यक्षा

योग भारती हिमाचल  
ग. भारती हिमाचल  
सोलन, हिमाचल प्रदेश  
सोलन (हि.प्र.) 173221



डा० पंकज कुमार  
सहायक आचार्य, एवं भारती  
गोविंदा रामानुजन गठित निष्ठा  
हिमाचल प्रदेश केंद्रीय विश्वविद्यालय  
धर्मशाला, हिमाचल प्रदेश



# MEMORANDUM OF UNDERSTANDING [MOU]

Between



**Central University of Himachal Pradesh**  
Dharamshala, Himachal Pradesh (India)

&



**Bundelkhand University**  
Jhansi, Uttar Pradesh (India)

**MEMORANDUM OF UNDERSTANDING [MOU]  
Between**

Central University of Himachal Pradesh  
**Dharamshala, Himachal Pradesh (India)**

&

Bundelkhand University  
**Jhansi, Uttar Pradesh (India)**

---

**This Memorandum of Understanding (hereinafter called the "MOU") is entered into by and between:**

**Central University of Himachal Pradesh, Dharamshala**, the premier multidisciplinary educational institution in the Northern India engaged in inter-alia, teaching, training, research & development and skill development in diverse areas of humanities, social, physical and life sciences, through the Vice Chancellor having its office at Central University of Himachal Pradesh, Camp Office, Dharamshala (hereinafter referred to as "**CUHP**") which expression, unless repugnant to the context or meaning thereof, shall include its successor(s), administrator(s) or permitted assigns), of the **FIRST PART**

AND

**Bundelkhand University, Jhansi**, the seat of higher learning came into existence on August 26, 1975, vide Government of Uttar Pradesh Notification No. 10/15-60/74 under the provision of the U.P. Universities Act. However, though belonging to the younger generation of the Indian Universities, the Bundelkhand University has fast transformed into a University of excellence offering opportunities to the aspiring youths to pursue higher education.

Recognized as Number One University of the Uttar Pradesh and accredited thrice by NAAC, Bundelkhand University is shining as a polar star on the horizon of self-sustenance and real Independence. With its strong infrastructure, financial and human resource base it has immense potential to establish itself as one of the leading higher education institution of regional, national and global repute.

Its more than hundred courses at UG, PG and Doctorate Level encompass all the major fields of studies e.g. Basic and Life Sciences, Engineering and Technology, Pharmacy, Physiotherapy, Agriculture, Management, Law, Computer Applications, Law, Education, Arts and Fine Art, Tourism and Hotel Management, Earth Sciences, Environmental Studies, Forensic Science and Criminology, Library & Information Science, Languages and other Social Studies. BU will be the Second Party.

"**CUHP**" and the "**BU**" are hereinafter individually referred to as the "**Party**" and collectively as "**Parties**"

**1. PURPOSE AND SCOPE OF THE AGREEMENT**

- The purpose of this Memorandum of Understanding between the two parties is to provide a framework for the proposed collaboration for pursuing quality research and building a new generation of highly skilled human resource; providing entirely new



opportunities for employment and economic development, with main focus on environment, bio-resource, skill development, livelihood opportunities, science and technology, biotechnology, hospitality and tourism management, health and wellness lifestyle domain of the Indian Subcontinent.

- The exchange of experience and scientific knowledge between the two institutions will be of great interest for their mutual progress and also for the service of the society.
- Thus understanding the strength of each party in the field of Science & Technology, Environment & Climate Change, Biotechnology & Skilled HR, Hospitality and Tourism Management the CUHP and BU have agreed to enthusiastically promote and facilitate the said goals and work jointly within the shortest possible time with least procedural and bureaucratic delays.

## **2. PREAMBLE**

Need for close linking of National Research Organizations/ laboratories with the Universities has been recognized by different scientific Ministries, Departments and other agencies, including the Ministry of Environment, Forest & Climate Change (MoEF&CC) and the University Grants Commission (UGC). In compliance to this felt need, the Bundelkhand University (BU) and the Central University of Himachal Pradesh (CUHP), have decided to enter into a Memorandum of Understanding (MoU) as per the following terms and conditions:

### **2.1 Start-up Activities**

- 2.1.1 Both parties agree upon to undertake the joint R&D initiatives at the earliest in the relevant fields.
- 2.1.2 Both parties agree to prepare and submit joint project of mutually agreed subjects to various funding agencies in State, Government of India including DST, DBT, ICMR, NMPB, AICTE, UGC etc. and other agencies, after signing the MoU.
- 2.1.3 BU and CUHP agree to work in synergy with various departments of both the parties for R & D activities.

### **2.2 The Anticipated Long Term Activities:**

- 2.2.1 Creating highly skilled Human Resource, ready to work manpower and, better quality of life for the society and Indian Subcontinent in particular.
- 2.2.2 Attracting world-class talent & technology for the benefit of the society.
- 2.2.3 Training local Human Resource, rural people, harnessing the Bio-resources of the State, and Interfacing with Local Academic and other Talent and Cultivating the Entrepreneurial Spirit in the Region.
- 2.2.4 Sharing respective important R&D facilities in order to promote academic and research activities to intensify the high priority area programmes of science and technology keeping in view the interest and philosophies of both the institutes and within the framed rules governing the two organizations.

## **3. GENERAL**

- 3.1 BU and CUHP faculty members of the Life Science, Environmental Science, Biotechnology, Biosciences, Institute of Integrated Himalayan Studies (IHS),



Physical Science, Chemistry, Physics, Mathematics, Computer Science, Social Sciences, Economics, Geography, Sociology, IMS, IVS-Tourism, Geology, Agricultural Ergonomics Research Centre, Planning Research Corporation and Tribal Studies etc. will work towards joint research projects thereby mutually using research facilities developed/to be developed at BU and CUHP.

- 3.2 The faculty and students of the Life Science, Physical Science, Social Science and Humanities and other Departments of CUHP shall be allowed the use of library, computer and internet facilities of BU subject to the terms and conditions of BU. Scholars, Ph.D. Students and Faculty members of BU shall likewise be given the above mentioned facilities at CUHP subject to the terms and conditions of CUHP.
- 3.3 The faculty and students, as given in Para 4.1 shall be issued identity cards upon individual requests, through concerned HoDs/Dean of Concerned Faculties of CUHP, to be shown to authorities of the Institute as per BU rules so as to provide access to laboratories and other facilities of the University depending upon availability. Similarly, BU staff and research scholars will be provided access to CUHP facilities upon production of authentic identity cards/papers, issued by BU. However, prior intimation/approval needs to be taken from respective organizations/HoDs.
- 3.4 CUHP will recognize and accept the eligible BU Faculty Members for supervising research leading to the award of Ph.D. Degree as per the provisions of Ordinance for the Ph. D. program of the University. BU, as a Research Centre, shall be duly recognized by CUHP, as per terms and conditions of CUHP.
- 3.5 Wherever required, BU shall provide hostel/guest house accommodation for CUHP faculty members and students coming to BU for research/collaboration work, subject to availability and on usual terms and conditions. Likewise, CUHP shall also make available hostel/guest house accommodation for BU Faculty members/research scholars/visiting faculty subject to availability and on usual terms and conditions.

#### **4. ACADEMIC AND DEVELOPMENTAL PROGRAMMES**

- 4.1 For the mutual benefit of the two institutions, i.e. BU and CUHP, there can be exchange of BU faculty members of the Life Science, Physical Science, Earth Science, Environmental Studies, Chemistry, Geography, Sociology, Biotechnology, Hospitality and Tourism Departments and other related Departments of CUHP.
- 4.2 BU and CUHP faculty members will help each other in preparing common observational/research programmes under intimation to the Head of the Institution.
- 4.3 Faculty/students from CUHP will be allowed to carry out a part of research work at BU and CUHP depending upon nature of the research topic and also the availability of laboratory space/facilities and under co-supervision of BU faculty. However, cost-intensive lab work experiments would be considered on case-to-case basis by the Vice Chancellor, BU and Vice Chancellor, CUHP.
- 4.4 Publications and patents (if any) emanating from joint research work carried out at BU & CUHP will be the property of both.



Ans

- 4.5 BU and CUHP will work closely to generate appropriately trained manpower in areas of individual/mutual competence through organization of symposia, short term training courses, etc.
- 4.6 The faculties of CUHP and BU will explore the possibility of jointly seeking funds for conducting collaborative research from India and foreign agencies with due approval of both the participating parties.
- 4.7 The joint sponsored and consultancy projects may be undertaken with both long-term and short-term goal(s), keeping in view the interest, strength(s) and philosophies of both the parties.
- 4.8 The ethical clearance for each project if required should be obtained from the respective Institute's Ethics Committees.

**5. Miscellaneous:**

- 5.1 **Confidentiality and Non-Disclosure:** The Parties agree that in view of confidential, proprietary information, data and documents will be shared under a non-disclosure /confidentiality agreement between the parties.
- 5.2 **Amendments:** This MOU shall not be varied or amended unless such variation or amendment is agreed in writing by the competent authorities of both the parties.
- 5.3 **Notices:** All the notices to the Parties in respect to the matters covered under this MOU shall be in writing delivered to the Parties at its notified addresses in Jhansi or at Dharamshala and also through their registered E-Mail.

**In case Central University of Himachal Pradesh:**

Attention: **Vice Chancellor**  
Telephone:  
E-mail:

**In case of Bundelkhand University, Jhansi**

Attention: **Vice Chancellor**  
Telephone:  
E-mail:

- 5.4 Notwithstanding anything contained hereinbefore, if any difficulty/dispute arises in the actual working of this MOU, the decision of the Vice Chancellor - CUHP and Vice Chancellor - BU or their nominees shall be final and binding.

**6. Execution of this Agreement**

- 6.1 The Parties represent and warrant to each other that the individual signing on their respective behalf has been duly authorized and empowered to execute and deliver this Agreement and the Agreement, when fully signed and delivered, is binding on both the parties i.e. the "CUHP" and "BU". This MOU is valid till the time both the parties mutually consent to work together in synergy with each other.
- 6.2 It is agreed that the progress of this MOU will be monitored by the Vice-Chancellor, CUHP and the Vice Chancellor - BU through periodic meetings. Any change/modification/termination as introduced/suggested by the Review Committee (comprising of the Vice Chancellor, CUHP and the Vice Chancellor -

BU and such other members as may be mutually decided by them) shall be acceptable to both the institutions.

- 6.3 This Agreement is being executed in multiple copies each of which shall be deemed to be an original, under seal, **this 24<sup>th</sup> day of February, 2022**

7. **IN WITNESS WHEREOF**, both the parties hereto have set their hands onto this Memorandum of Understanding (MOU) on the day, month and year first above written in the presence of:

Signed this day of **24<sup>th</sup> day of February, 2022**

Place:


  
**Registrar**

Bundelkhand University  
Jhansi-Uttar Pradesh

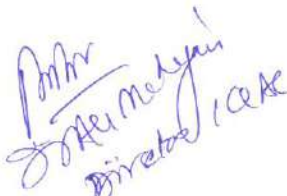
कुलसचिव  
बुन्देलखण्ड विश्वविद्यालय  
झाँसी

Witnesses:

1.

  
24/2/2022  
(S.K. KASHI)  
Director IQAC  
BU Jhansi

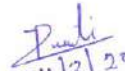
2.

  
Director IQAC


  
**Registrar**

कुलसचिव  
Central University of Himachal Pradesh,  
हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय  
Dharamshala, 176215, Himachal Pradesh  
के के कार्यालय, एफोर्सेर प्रिन्सिपल रोड  
के निकट, धर्मशाला, कांगड़ा (हि0प्र0)-176215

2.

  
24/2/2022

4.

  
24/2/22