



पंडित रविशंकर शुक्ल विश्वविद्यालय, रायपुर छत्तीसगढ़ भारत
Pt. Ravishankar Shukla University, Raipur Chhattisgarh, India
Estd-1964 – recognized by UGC U/s 2(f) and 12 (B)
NAAC “A” Grade

CRITERION-III

EVIDENCE(S), AS PER SOP

METRIC No. 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 year
<ul style="list-style-type: none">• List of activities conducted under each MoU• E-copy of the MOUs endorsed by both the parties	

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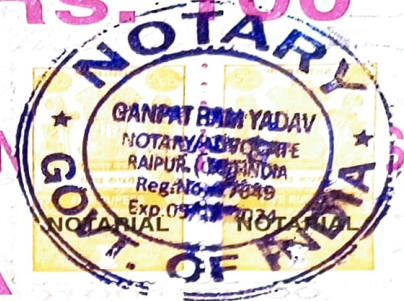
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Memorandum of Understanding (MoU)

**THE INDIRA GANDHI NATIONAL CENTRE FOR THE ARTS (IGNCA)
NEW DELHI**

**(An Autonomous Trust of Ministry of Culture, Govt. of India)
and**

**PT. RAVISHANKAR SHUKLA UNIVERSITY (PTRSU)
RAIPUR, CHHATTISGARH**

Name of the Project: 'The World of Rock Art Exhibition', Workshop and Lecture Series

This MoU is made and executed on this 02... day of .FEB... (month), 2023 (year), by and between the **Indira Gandhi National Centre for the Arts, Janpath Building, Janpath, New Delhi- 110 001**, (hereinafter referred to as First Party/IGNCA), which expression, shall unless repugnant to the context or meaning thereof be deemed to mean and include its executor, successors, administrators and assignees, on one part and **Pt. Ravishankar Shukla University, Amanaka G.E.Road, Raipur, Chhattisgarh - 492010** (hereinafter referred to as Second Party/ PTRSU), which unless repugnant to the context or meaning thereof be deemed to mean and include its executors, successors, administrators and assignees on the other part.

First Party/ IGNCA

The First Party, i.e. IGNCA is an academic research institution. It is an autonomous trust under the Ministry of Culture, Government of India. It has been mandated to carry out research, documentation and dissemination of knowledge in the field of Indian-art and culture.



- 2 FEB 2023

02 FEB 2023

Signature

- 2.1 Interest of IGNCA in the proposed collaboration is to fulfill the objectives of the **Adi Drishya Department of IGNCA** of which rock art is a crucial component. Rock art is one of our greatest surviving art treasures. It is a vital archaeological source to study and analyse the cognitive evolution of the human intellect across the world. IGNCA is one of the few institutions in India working in the field of rock art studies in a holistic perspective. IGNCA has taken up its documentation, study and dissemination very seriously for which it is collaborating with different institutions in India. As a part of its Outreach Programme, IGNCA is organizing different programmes for capacity building like organization of special lectures and orientation workshop for researchers and university students; for creation of general awareness among the school/college students and the general masses; temporary and mobile exhibitions, children workshops are being organized at the national/state/international levels.

3. **Second Party/ PTRSU**

Pt. Ravishankar Shukla University is Chhattisgarh's largest and oldest institution of higher education, founded in 1964, and named after the first chief minister of erstwhile Madhya Pradesh. The University has a sprawling campus in the western part of the capital of Chhattisgarh, Raipur. The campus of University is spread in 207 acres of land. There are 29 teaching departments in the University. There are 5000 students enrolled for variety of courses offered by the departments who are steered under the guidance of more than 100 faculty members. Jurisdiction of RSU covers entire central and southern part of Chhattisgarh. The University plays a major role in the educational, cultural and economic life of the region.

SOS in Ancient Indian History culture and Archaeology is the youngest department of this University, which was established in 2001. It is one of the most important subject to know our glorious past. Chhattisgarh region has the richest heritage and antiquities. Our most trust areas in imparting Education are Regional History, Art History, Ethno Archaeology, Field Archaeology, Art & Architecture, Numismatic, Palaeography and Epigraphy. It offers M.A., M.Phil. and Ph.D. programmes.

4. **Broad objective of collaborative proposal** is to engage more and more academic/research institutions for achieving the objectives of the project which also helps in sharing the revenue and manpower and helps in creating awareness among students of various schools/ colleges/ universities and society at large about the first creative activity of mankind. This prehistoric art comes to signify the underlying philosophies and the worldview of the ancient people, and tells us about the soul of a community, its thoughts, beliefs and emotions. These records with high maturity as estimated by scholars perhaps go back to more than 30,000 years. Awareness amongst the public and society at large and proper study/ documentation of this precious heritage ultimately helps in its preservation which is otherwise prone to destruction. Since it is an emerging discipline its research and documentation and creation of awareness about its importance may help in establishing an important discipline in Indian art and cultural studies. We also plan to have long term collaboration with Pt. Ravi Shankar Shukla University (PTRSU) for the same.

5. **Responsibilities/ Deliverables/ Timelines (Second Party)**

- PTRSU will provide local hospitality (accommodation) for IGNCA officials during the installation and inauguration of the exhibition.
- PTRSU will provide local hospitality (food, accommodation) for experts during the special lectures.
- All the venues for the events will be provided by PTRSU without any charges.

(Signature)

2 FEB 2023

(Signature)

6. Responsibilities/ Deliverables/ Time-lines (First Party/ IGNCA)

• Transportation

The IGNCA shall be responsible for the transportation of the exhibits to PTRSU and back to any other destination after closing of the exhibition.

• Packing and unpacking of Exhibits

The IGNCA, at their own cost and expense, shall undertake the packing/unpacking of the exhibits at the place of origin and at PTRSU at the time of mounting and dismounting.

• Framing and Mounting

The IGNCA will also undertake framing, mounting and dismounting of the exhibits at its own expense.

• Display of exhibits

The IGNCA shall take care of curatorial and designing aspects related to the exhibition. AIHC & Archaeology Department, PTRSU may assist for displaying the exhibition.

Handing Over and taking over of the exhibits

The exhibits shall be handed over by the IGNCA or its representative to the representatives of PTRSU at the venue of the exhibition. The exhibits, after the exhibition is over, shall be handed over back to the representative of the IGNCA within a reasonable time.

• Promotional material

The IGNCA shall bear all the expenses on Captions & Display Aids and promotional material and invitations. The credit to PTRSU shall be duly given in all the promotional/ publicity material being made for the exhibition after the signing of this MOU.

• Press conference

Expenditure on Press Conference will be borne by PTRSU.

• Videography & Photography

• Expenditures of children workshop

• Honorarium and TA of expert for Special Lecture.

7. Combined Responsibilities of the First and Second Party:

- To execute the project well in time as per its objectives.

8. Budgetary Implication on part of First Party (IGNCA), if any:

- The approved budget of the project is Rs 5,42,000/- + Tax (Rupees Five Lakh Fourty Two Thousand Rs. Only+ Tax) for organization of exhibition at PTRSU. (ANNEXURE-I).
- IGNCA's share of expenditure would be limited to Rs 3,42,000./+ Tax(Three Lakh Fourty Two Thousand Only+ Tax).

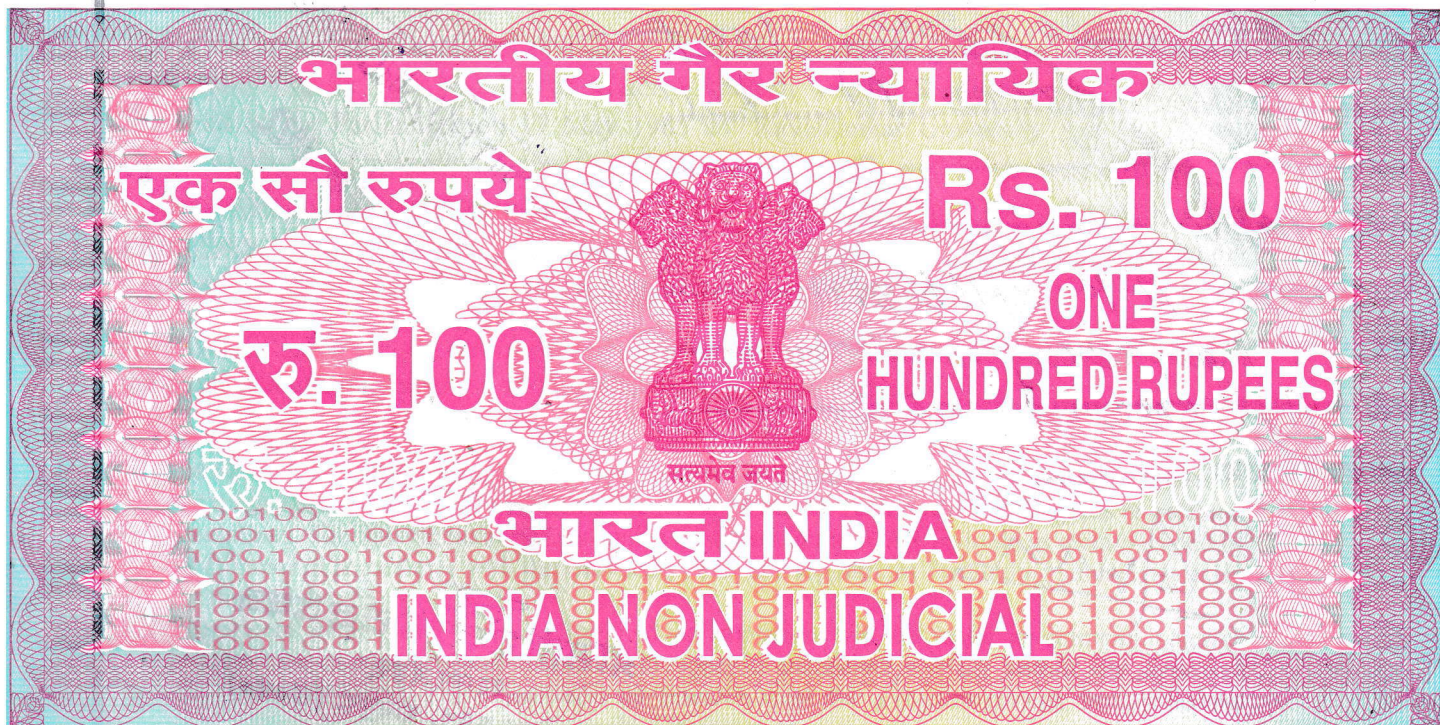
9. Budgetary implication on part of Second Party, if any:

- PTRSU will bear Rs. 2,00,000/- + Tax (Two Lakh Rs. Only + Tax) of the total budget of Rs 5,42,000/- + Tax on the exhibition at Raipur.
- PTRSU will meet the expenses on local hospitality of IGNCA staff and scholars/experts during the special lectures, children workshops and rents for auditoriums, exhibition halls etc.

(Signature)

2 FEB 2023

(Signature)



छत्तीसगढ़ CHHATTISGARH

P 551871

**Umbrella Memorandum of Understanding
Between
ICAR-National Institute of Biotic Stress Management, Raipur
and
Pt. Ravishanker Shukla University, Raipur
for facilitating
Students Training/ Post Graduate Research/ Doctorate Research**

This Memorandum of Understanding (hereinafter referred to as MoU) is made on this **01** day of the month of **June** in the year **2022** by and between the **ICAR-National Institute of Biotic Stress Management** having its Head Office at **Raipur** [hereinafter called "**NIBSM**"/ First party], a constituent Research Institution of the Indian Council of Agricultural Research, Krishi Bhavan, New Delhi-110 001, on the ONE PART and the **Pt. Ravishanker Shukla University, Raipur** (State University) having its headquarter at **Raipur** [hereinafter called "**PRSU**"/ Second party] on the OTHER PART (who for the purpose of this MoU are herein after collectively referred to as the parties).

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

WHEREAS the "First Party" is involved in the studies on **Biotic Stress in Agricultural Crops with major disciplines of Agricultural Biotechnology, Plant Pathology, Agricultural Entomology and Nematology, Weed Science** (specific mandated domain

within the approved disciplines/ divisions), WHEREAS, the "Second Party", established in 1964 following the Act No: 13, of Madhya Pradesh Vidhan Sabha, Bhopal, which was approved in the Parliament on 17 May 1963 as "Ravishankar University Act 1963", and recognized by the University Grants Commission, New Delhi, and is involved in **Teaching and Research in Biotechnology and Life Sciences including Plant Biotechnology, Plant Physiology, Microbiology, Biochemistry, Environmental Science, Mushroom Technology, Bioprocess Engineering, Chemistry, Computer Science, etc.**

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

Article 1. Scope

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

Article 2. Management

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

Article 3. Exchange of Information

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

Article 4. General Provisions

- 4.1 It is understood that the First party and the Second party subscribe to the principle of equal opportunity and do not discriminate on the basis of race, sex, age, caste or religion. Both the Institutions shall abide by these principles in the administration of this agreement and neither party shall impose criteria for exchange of scholars or students, which violate principles of non-discrimination.
- 4.2 Both parties understand that all financial agreements will have to be negotiated separately and will depend on the availability of funds.

- 4.3 Both parties acknowledge that exchange of students from one party to the other shall be subject to the availability of funds and shall comply with the regulations and policies of the First party and the Second party.
- 4.4 Any research publications arising will be jointly published in accordance with the provisions laid out in Item 3.2.1C of the Guidelines for the students to conduct research for their degree programme as trainees at ICAR institutions as notified *vide* Letter No. 2-8/2012-HRD, dated 11th December, 2012 or revised guidelines, if any, as may be issued from time to time.
- 4.5 A copy of the thesis/ dissertation will be submitted to the First Party after the award of the degree by the Second party.
- 4.6 All questions related to this MoU arising during its term will be settled by the parties by mutual agreement. Disagreements at the operating level shall be forwarded to respective higher officials for appropriate resolution failing which an arbitrator of mutual acceptance may be identified for the settlement of dispute, if any.
- 4.7 All questions not foreseen related to this MoU will be handled by the parties by mutual agreement.
- 4.8 Nothing in this MoU is intended to affect other cooperation or collaborations between the parties.

Article 5. Intellectual Property Rights

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

Article 6. Admission and Fees

- 6.1 All those who wish to register as trainees or for Master/ Doctoral programme under this MoU must apply for admission at the Second party. The allocation of Major Guide/ Advisor would be finalized before the registration and will be governed by the provisions laid out in Items 3.2.1A and 3.2.2A of the Guidelines for the students to conduct research for their degree programmes as trainees at ICAR institutions as notified *vide* Letter No. 2-8/2012-HRD, dated 11th December, 2012 or revised Guidelines, if any, as may be issued from time to time, for the students from within NARS and outside NARS, respectively.
- 6.2 Admission of the students and the award of degrees for different programmes will be the responsibility of the Second party as per the rules and regulations.
- 6.3 Allotment of the students at the First party will be done by the approval of Director of the First party and the Vice-Chancellor/ Head of the Institution of the Second party.
- 6.4 The First party would have the right to screen the students eligibility for admission based on their academic period.
- 6.5 The PME Cell of the First party in consultation with the representative of the Second party shall decide the location and sharing quantum of research work.
- 6.6 The number of student(s) at any particular time will be subjected to the availability of research facilities and scientists time to guide thesis/ research at the First party institution.
- 6.7 Any student(s) admitted to the First party for training/ postgraduate research/ doctorate research, if found violating the rules and regulations lay down by the First party or indulge in such activities that amount to tarnishing the image of the Institute, or cause damage to the property, the registration of such student(s) would be summarily terminated. The Second party will not complete formalities of issuing certificates to such students until they compensate losses to the First party.
- 6.8 Fees will be charged from the students by the First party as per Guidelines for the students to conduct research for their degree programmes as trainees at ICAR institutions *vide* Letter No. 2-8/2012-HRD, dated 11th December, 2012 or revised Guidelines, if any, as may be issued from time to time. No fee may be charged by the First party from the students registered with AU/ DU within NARS. However a student registered with a Second party, outside NARS, will deposit fee of Rs. 10,000.00 for training duration of 3 months (not leading to a degree/ dissertation) and Rs. 30,000.00 per semester (six months) for training/ research/ dissertation exceeding three months.

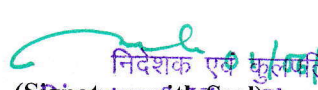


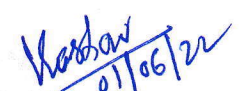
Any change in fee structure by ICAR will be applicable from the date of revision and shall be charged by the First party.

Article 7. Entry into Effect, Modification and Termination

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

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

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

ICAR-National Institute of Biotic Stress Management, Baronda, Raipur (Name and Address of the First Party)	Pt. Ravishankar Shukla University Raipur (Name and Address of the Second Party)
Dr. P. K. Ghosh Director ICAR-National Institute of Biotic Stress Management, Raipur, Chhattisgarh	Dr. S. K. Patel Registrar Pt. Ravishankar Shukla University Raipur, Chhattisgarh
Tel No. 0771-2225333	Tel. No. 0771-2262540
Date: 01 June 2022	Date: 01 June 2022
 (Signature with Seal) Chancellor भाकअनुप-रा.जै.स्टे.प्र.सं., बरोंडा, ICAR-N.I.B.S.M., Baronda, रायपुर-493 225, (छ.ग.) Raipur-493 225, (C.G.) 11/06/22	 (Signature with Seal) REGISTRAR Pt. Ravishankar Shukla University RAIPUR (Chhattisgarh)
Witness 1 Dr P Kaushal (Joint Director, Research)	Witness 1 Dr SK Jadhav (Professor, Biotechnology)
 Witness 2 Dr SK Jain (Principal Scientist, Plant Pathology)	 Witness 2 Prof Keshav Kant Sahu (Professor & Head, Biotechnology)

MoU FOR SCIENTIFIC RESEARCH AND ACADEMIC ACTIVITIES

1. MoU with Indian Institute of Technology, Bhilai **2018**
2. MoU made with Indian Institute of Tropical Metrology, Pune **2019**
3. MoU between Indian Institute of Chemical Technology, Hyderabad **2020**
4. MoU with Chhattisgarh Council of Science and Technology, Raipur **2019**
5. MoU with National Institute of Hydrology, Roorkee **2019**

Activities of MoU School of Studies in Chemistry

Following are the activities conducted and currently undergoing in the MoU's made with IITM and NIH Roorkee:

1. Indian Institute of Tropical Meteorology (IITM), Pune/New Delhi (Zonal Lab):

- Under the establishment of Lightning Location Network (LLN) program of IITM, PRSU is hosting one LLN sensor (Earth Network, USA; frequency range 1 khz to 12 MHz), provided by IITM Pune, at the SoS in Chemistry since July 2019.
- Collaborative research with IITM on air quality monitoring and analysis and more than 10 joint research publications in SCI peer reviewed journals.

2. National Institute of Hydrology (NIH) Roorkee ✓

- Ambient air monitoring in the Himalayan Glacier regions using established sites of NIH in glacier regions under the SERB sponsored project.
- 2018/1

Activities of MoU CBS and Chemistry

MOU with Rungta Group of Institutions CBS

1. Director CBS visited Rungta College of Engineering and Technology, Bhilai on 26 th. March 2022 and discussed with authorities of RCET about the different aspects of MOU. He also Chaired a session of AICTE sponsored International conference.
2. A joint National workshop on " Tools and Techniques of Expression and Exposition for Preparing Research Paper " was organized on 14 th. July 2022 at Rungta College of Eng and Technology , Raipur. Director CBS delivered an Invited talk.

MoU with CSIR IICT (SOS in Chemistry and NCNR)

1. A preliminary discussion with the scientists of CSIR IICT has been initiated to isolate of the chemical constituents, finger printing analysis and biological activity of the following plants :
 - (i) Gardenia Tugida Target Cancer
 - (ii) Dredge Volubilis Target : Diabetes and Rheumatism
 - (iii) LeonotisNepetefolia Target Jaundice
2. Prof. Manas Kanti Deb , Director NCNR, Prof. K K Sahu HOD Biotechnology and Dr. Deependra Singh, Institute of Pharmacy were involved in this collaborative work.
3. The University already dispatched different parts of above plants to IICT Hyderabad.

E mail

MoU with IIT Bhilai (Chemistry)

The students of our University (CBS and other deparments like Chemistry) do visit IIT Bhilai for collaborative work related to their research etc. Similarly we have invied faculty of IIT Bhilai(Chemistry/Physics) to our department to deliver popular lecture.

①

Memorandum of Understanding between

Indian Institute of Technology Bhilai (IIT Bhilai)

and

Pt. Ravishankar Shukla University (PRSU)

In the spirit of intellectual cooperation scholarly exchange, and the development of national partnership with leading institutions, Indian Institute of Technology Bhilai (IIT Bhilai) and Pt. Ravishankar Shukla University (PRSU) agree to establish a program of exchange and collaboration on related matters of mutual interest that may emerge over time.

1. The purposes of the cooperation are to promote cooperative research and to facilitate the exchange of ideas, the development of new knowledge, and to enhance high quality research acumen. The major thrust of the collaborative research will include the areas of technology transfer of mutual interests including and not limiting to Basic Sciences, Social Sciences and Humanities. The modes of cooperation will include:
 - a) Exchanges of faculty and students for the purposes of research and teaching;
 - b) The development and implementation of cooperative research projects, professional development programs, and capacity-building efforts;
 - c) The dissemination of findings through scholarly publication, white papers, and in the media;
2. To achieve the goals of this cooperation, both parties will, insofar as the means of each allow:
 - a) promote institutional exchange by inviting faculty and student researchers of the partner institution to participate in appropriate research activities;
 - b) organize symposia, conferences, and meetings on timely research issues;
 - c) develop and carry out joint research programs;
 - d) exchange information pertaining to the agreed-upon research areas.
3. Prior to the initiation of any particular project or activity, the specific terms of cooperation and exchange for that project will be discussed and agreed upon in writing by the appropriate responsible representatives of both institutions.
4. Both parties understand that all financial arrangements for specific exchange activities must be mutually agreed upon and will depend on the availability of funds. In addition, the scope of the activities will be subject to funds available at the institutions for the type of collaboration undertaken and any financial assistance that may be obtained by either from external sources.
5. Either party may propose to the other specific individual research projects for collaboration. Such proposal may be made at any time and the parties will develop an agreement for each agreed-upon project. The protection and exploitation of any intellectual property arising out of a research project will be addressed in each individual project agreement early on and ongoingly.
6. Day to day implementation of this Agreement will be coordinated by Dr. Sanjib Banerjee of the Indian Institute of Technology Bhilai (IIT Bhilai) and Prof. Kallol K. Ghosh of the Pt. Ravishankar Shukla University (PRSU).
7. Each institution agrees to release and hold the other harmless from and against any claims, damages, liability or costs, to the extent such claims damages, liability or costs arise from the negligent or willful acts or omission of the other university or any of its agents or employees in connection with their respective performance under this MOU.

W. B. Banerjee
27/03/2018

S. K. Ghosh 27/11

8. The parties agree that in the course of implementing this MOU, they will not engage in unlawful discrimination on the grounds of race, gender, sexual orientation, age, religion, social class, national or ethnic origin or disability.
9. Amendments to this MOU may be made at any time after consultation and agreement between the two institutions. Any such amendment must be in writing and signed by both parties.
10. This MOU will remain in force for a period of five (5) years from the date it is fully executed. The MOU can also be suitably modified, as agreed to by both the parties, to reflect an increased scope, nature of engagement/activities including financial commitments, if any. Prior to the expiration date, the MOU may be reviewed for possible renewal. In addition, either party may terminate the MOU in advance of its normal expiration by providing the other with three months' prior written notice. In this ease, persons already approved as exchange participants will be allowed to complete their exchange visits under the conditions specified at the time of their invitation to the host institution.

SO AGREED:

Veena Bansal
27/03/2018

Dr. Veena Bansal
Faculty In-Charge, General Administration
Indian Institute of Technology Bhilai
(IIT Bhilai)
Date:

Sandeep Vansutre
27/3/18

Dr. Sandeep Vansutre
Registrar
Pt. Ravishankar Shukla University
(PRSU)
Date:

REGISTRAR
Pt. Ravishankar Shukla University
RAIPUR (Chhattisgarh)



छत्तीसगढ़ CHHATTISGARH

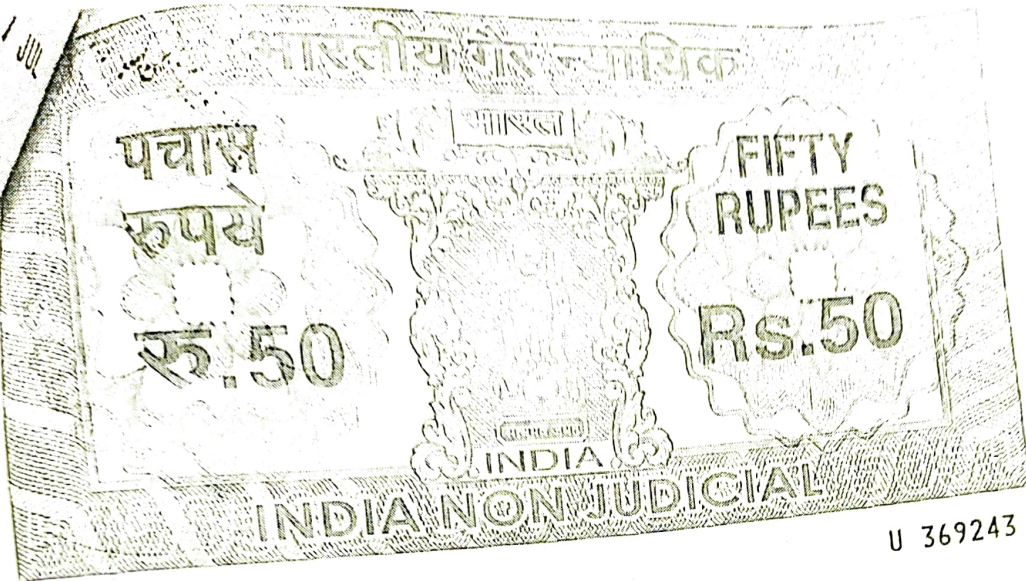
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MEMORANDUM OF UNDERSTANDING BETWEEN
THE INDIAN INSTITUTE OF TROPICAL METEOROLOGY, PUNE (INDIA)
AND
PT. RAVISHANKAR SHUKLA UNIVERSITY, RAIPUR

This Memorandum of Understanding (MoU) is made between the Indian Institute of Tropical meteorology, Pune (India) and Pt. Ravishankar Shukla University (PRSU), Raipur, hereinafter referred to as the 'Parties',

- Recalling mutual deliberations between both the Parties with a view to enhancing cooperation in the field of atmospheric process, Water Resources exploration, Development and Management and other related fields;
 - Realizing that collaboration between IITM and PRSU would considerably leverage technical abilities of both the parties and enable a framework for professional education and research programs in field of earth, atmospheric & environmental sciences and water resources for the benefit of both the parties
- Have reached the following understanding:

Cont.



छत्तीसगढ़ CHHATTISGARH

Article I

The parties shall work to enhance cooperation in research and capacity building at the national and regional levels in the field of earth, atmospheric & environmental sciences and water resources by collaboration and sharing of expertise on the areas mutually agreed upon including the development of Lightening Location Networking (LLN), evaluation of atmospheric carbonaceous matter over Indian regions and elsewhere and impact on regional climate change.

Article II

The Parties shall encourage exchange of experts and organize fieldwork, training programmes, study tours and other such activities jointly in order to build capacities in the areas referred to in Article I.

Article III

The Parties shall promote cooperation within the framework of joint activities mentioned in Article I through work plans to be drawn up by mutual agreement. Such activities could include a) Joint research projects b) Faculty exchange c) Sharing of R& D facilities d) Organizing Joint Conference/workshop/courses e) Joint Ph.D supervision etc. All the stated activities shall be within the operational rules and regulations of both the parties with mutual consent.

Cont.

DISTRICT
RAIPUR (CH)

Article IV

A Working Group shall be formed, not later than three months of the signing of MoU, comprising equal number of members from each of the Parties, which will carry out the activities to be carried out in fulfillment of the MoU. The Working Group shall endeavor to interact frequently through telephone, e-mail, and laboratory visits.

Article V

Each party shall bear the respective costs of carrying out the obligations under this agreement. Neither party shall make a claim against the other party for any expenditure unless such expenditure has been agreed upon in writing between both the parties

Article VI

This MoU shall enter into force on the day of its signing and remain in force for a period of five years. Thereafter, it may be further extended automatically for subsequent periods of five years at a time, unless either of the Parties gives to the other a written notice six months in advance of its intention to terminate it before the date of its expiry.

Signed at-----on this ----- day of----- in two original copies in English

For the Indian Institute of Tropical Meteorology, India	For the Pt. Ravishankar Shukla University, Raipur
--	--

Suresh Tiwari
8/8/2019

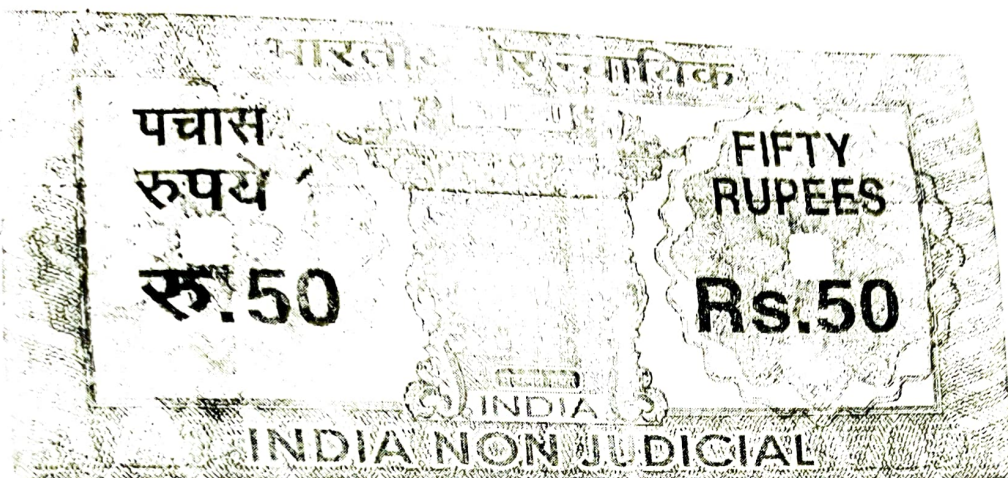
(Name)
Designation

हार्दकर अश्विनी OFFICER IN CHARGE
भारतीय उष्णकटिबंधीय मौसम विज्ञान संस्थान, पुणे
INDIAN INSTITUTE OF TROPICAL METEOROLOGY, PUNE
महाराष्ट्र, भारत NEW DELHI RESEARCH
डी. रामनाथ सिंह, एम.एस.सी.
PROF. RAM NATH SINGH, M.Sc., S.S.C.
एन. ए.पी.सी. मार्ग, एन. ए.पी.सी. मार्ग
NEW DELHI RESEARCH, NEW DELHI RESEARCH


8/8/2019

(Name)
Designation

Vice-Chancellor
Pt. Ravishankar Shukla University
Raipur (C.G.)



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छत्तीसगढ़ CHHATTISGARH

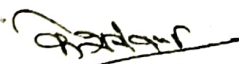
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Memorandum of Understanding

The CSIR-Indian Institute of Chemical Technology (IICT), Hyderabad hereby agrees to make Memorandum of Understanding between School of Studies in Chemistry and National Center for Natural Resources (NCNR) of Pt. Ravishankar Shukla University, Raipur for the collaborative work of mutual interest.

Further, the IICT, Hyderabad will meet all the financial expenditures arising due to this collaborative work.

All the research publications and patents emerged will be shared equally.


Prof. Keshari Lal Verma
(Vice-Chancellor, Pt. Ravishankar Shukla University, Raipur)

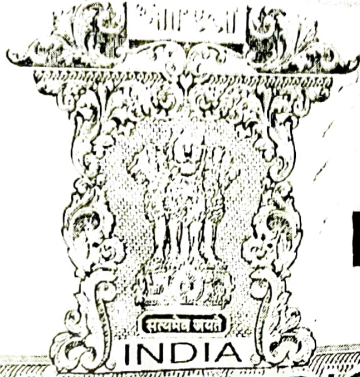

Prof. S. Chandrasekhar
(Director, CSIR-IICT, Hyderabad)

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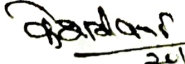
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छत्तीसगढ़ CHHATTISGARH

Memorandum of Understanding (MoU)

The Chhattisgarh Council of Science and Technology (CCOST), Raipur hereby agrees to make Memorandum of Understanding (MoU) with Pt. Ravishankar Shukla University (PRSU), Raipur for the collaborative work of mutual interests. All the research publication and patents emerged will be shared equally.


R. Prasanna, IAS
(Director General)


20/5/2015
Prof. Keshari Lal Verma
(Vice Chancellor)



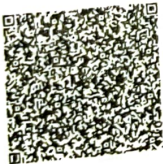
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MEMORANDUM OF UNDERSTANDING
BETWEEN
THE NATIONAL INSTITUTE OF HYDROLOGY, ROORKEE (INDIA)
AND
PT. RAVISHANKAR SHUKLA UNIVERSITY, RAIPUR

This Memorandum of Understanding (MoU) is made between the National Institute of Hydrology (NIH), Roorkee (India) and Pt. Ravishankar Shukla University


expenditure unless such expenditure has been agreed upon in writing between both the parties

Article VI


This MoU shall enter into force on the day of its signing and remain in force for a period of five years. Thereafter, it may be further extended automatically for subsequent periods of five years at a time unless either of the Parties gives to the other a written notice six months in advance of its intention to terminate it before the date of its expiry.

Signed at Roorkee on this 20th day of August 2019 in two original copies in English

For the National Institute of
Hydrology


Dr. Reng J. Thuyyen
(Name) Scientist E
Designation

For the Pt. Ravishankar Shukla
University, Raipur


Prof. Girish Kant Pandey
(Name) Registrar
Designation

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 year

Organisation with which MoU is signed	Name of the institution/ industry/ corporate house	Year of signing MoU	Duration	List the actual activities under each MOU year wise	Number of students/teachers participated under MoUs
Chhattisgarh Council of Science & Technology, Saddle, Raipur	-	08.08.2018	2026	Teaching For PG Diploma in RS & GIS Academic Program	7
Central Groundwater Authority through Rajeev Gandhi Groundwater Training & Research Institute, Nawa, Raipur	-	22.10.2018	2026	Teaching For PG Diploma in Applied Hydrogeology Academic Program	0
Atomic Minerals Directorate for Exploration and Research (AMD) constituent Unit of Department of Atomic Energy(DAE), Government of India, Hyderabad	-	19.05.2022	2027	Chhattisgarh Basin and its Environs	-
Central Groundwater Authority through Rajeev Gandhi Groundwater Training & Research Institute, Nawa, Raipur	-	22.04.2022	till date	Jointly undertaken consultancy work	-

Data from departments

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School of Studies in Geology & WRM

3.7.2

S. No.	Name of the Institution with which MoU done	Tenure	Financial implications, if any	Objective	Outcome of MoU	Contact details
01	Chhattisgarh Council of Science & Technology, Saddu, Raipur	From 08.08.2018 till date	None	To promote research and academic cooperation	Capacity building course offering PG Diploma in Remote Sensing & GIS. The outcome of this initiative is aimed towards training and capacity building in the field of RS & GIS. The students have an advantage of working on live projects under the supervision of scientists at CCOST.	Director General, Chhattisgarh Council of Science & Technology, Saddu, Raipur
02	Central Groundwater Authority (CGWA) through Rajeev Gandhi Groundwater Training & Research Institute, Nawa Raipur	From 22.10.2018 till date	None	To promote research and academic cooperation	It is aimed towards training and capacity building in the field of hydrogeology. The outcome of this initiative is designing of a capacity building course offering PG Diploma in Applied Hydrogeology. The students have an advantage of working on live projects under the supervision of scientists at RGI.	Regional Director, Rajiv Gandhi Groundwater Training & Research Institute, Nawa Raipur
03	Atomic Minerals Directorate for Exploration and Research (AMD), constituent Unit of Department of Atomic Energy (DAE), Government of India, Hyderabad	From 19.05.2022 to 18.05.2027	None	For promotion of research, academic exchange and sharing of experience and expertise	Jointly organized a National Seminar on Chhattisgarh Basin and its Environs from 05.08.2022 to 06.08.2022.	Director, AMD, Begumpet, Hyderabad 500016.
04	Chhattisgarh Swami Vivekanand Technical University, Durg	From 22.04.2022 till date	None	To promote consultancy, research and academic cooperation	Jointly undertaken consultancy work	Registrar, CSVTU, Durg



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L 973417

Place: Memorandum of Understanding

Between

Pt. Ravishankar Shukla University, Raipur

And

Chhattisgarh Council of Science and Technology, CCOST, Raipur

Noting that Pt. Ravishankar Shukla University (PRSU) has an active academic program of higher education, leading to the award of degrees in the fields of Science, Life Science, Social Science & Humanities, Management, Technology and Education.

Noting that Chhattisgarh Council of Science and Technology (CCOST), is a premier State institution of Ministry of Science & Technology, Government of Chhattisgarh. This institution is mandated to execute National Projects, provide Technical support to line departments of the state in capacity building, training and research of State officials in the field of Remote Sensing and GIS.

Memorandum of Understanding

Between

Pt. Ravishankar Shukla University, Raipur

And

Chhattisgarh Council of Science and Technology, CCOST, Raipur

Noting that Pt. Ravishankar Shukla University (PRSU) has an active academic program of higher education, leading to the award of degrees in the fields of Science, Life Science, Social Science & Humanities, Management, Technology and Education.

Noting that Chhattisgarh Council of Science and Technology (CCOST), is a premier State institution of Ministry of Science & Technology, Government of Chhattisgarh. This institution is mandated to execute National Projects, provide Technical support to line departments of the state in capacity building, training and research of State officials in the field of Remote Sensing and GIS.

Recognizing that there is a need to offer the best opportunity for Indian and International students to benefit from obtaining professional degrees in the field of Remote Sensing and GIS thus contributing to the growth of awareness in the field of Remote Sensing and GIS technologies and their applications;

Realizing that the problems related to natural resources management can be addressed by means of application of Remote Sensing and GIS technology involving various stakeholders and building their capacity to address the upcoming challenges;

Realizing that collaboration between PRSU and CCOST would considerably leverage technical abilities of CCOST and PRSU and enable a framework for professional education and research programs in the field of Remote Sensing and GIS;

PRSU and CCOST hereby agrees to collaborate on:

- A 10-months Post Graduate Diploma programme in the field of Remote Sensing and GIS, which will be offered jointly by PRSU and CCOST.
- PRSU and CCOST will initiate 10-months programs, leading to award of PG Diplomas by PRSU.
- PRSU would admit the candidates with suitable eligibility for 10-months PG Diploma programs for award of **PG Diploma in Remote Sensing and GIS**. Fees as prescribed by PRSU, will be payable by the students. PRSU will adjudicate the award PG Diploma to the candidates in the joint name of PRSU and CCOST.
- An Apex-Coordination Committee, consisting of the Member Director CGSAC, CCOST; Head of the Department, School of Studies in Geology & Water Resource Management; Head of the Department, School of Studies in Geography, PRSU and a Representative of Vice- Chancellor, PRSU will coordinate the program aspects and will recommend any actions to be taken by PRSU and CCOST towards the program. Scientist of CCOST will be the Member Secretary of the Apex-Coordination Committee.
- Both PRSU and CCOST will be involved in curriculum assessment and design, conduct of lectures/ practical/ field-work, examination and evaluation, project guidance and other aspects of the programs in

conformity with rules and regulations of PRSU. A Representative of CCOST and Head of the Department SoSG&WRM, PRSU will work out all the details towards this and place them before the Apex committee.

- PRSU, through CCOST, will provide assistance at 'mutually agreed terms' to enhance capacity and further build capability of PRSU in the emerging and newer fields of Remote Sensing and GIS as required, including faculty exchange between PRSU and CCOST in the education and training.
- Any changes/modifications to the MoU will be as per the agreement arrived at by the Vice-Chancellor, PRSU and the Director General, CCOST. Such changes/ modifications shall be considered as part of this MoU. This MoU will be renewed annually.
- This MoU shall come into force from 8th day of August 2018.

For

[Signature]

Chhattisgarh Council of Science & Technology, Raipur, Chhattisgarh

Dr. S. Karmakar
Director
Chhattisgarh Space Applications
Centre, Chhattisgarh Council of
Science & Technology, Raipur,
Chhattisgarh

Date: 08.08.2018
Director
Chhattisgarh Council of Science & Technology
Raipur (C.G.) 492015

Place: Raipur

For

[Signature]

Pt. Ravishankar Shukla University,
Raipur - 492 010, Chhattisgarh

Dr. Sandeep Vansutre
Registrar
Pt. Ravishankar Shukla University,
Raipur, Chhattisgarh

Date: 08.08.2018

Place: Raipur

REGISTRAR

Pt. Ravishankar Shukla University
RAIPUR (Chhattisgarh)



छत्तीसगढ़ CHHATTISGARH

L 2445

Memorandum of Understanding
Between

Rajiv Gandhi National Ground Water Training & Research Institute, CGWB
And
Pt. Ravishankar Shukla University, Raipur

Noting that Rajiv Gandhi National Ground Water Training & Research Institute (RGNGWTRI) is a premier national institution and training arm of Central Ground Water Board (CGWB), Ministry of Water Resources, River Development & Ganga Rejuvenation (MoWR, RD&GR), for capacity building, training and research in the field of ground water.

Noting that Pt. Ravishankar Shukla University (PVSU) has an active program of offering professional education, leading to award of degrees in the field of Geology and Water Resource Management.

Recognizing that there is a need to offer the best opportunity for Indian and International students to benefit from obtaining professional degrees in the field of Ground Water thus

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contributing to the growth of sustainability of the ground water technologies and their applications;

Realizing that water and food security of the country can only be met through participatory ground water management involving various stakeholders and building their capacity to address the upcoming challenges;

Realizing that collaborative approach between RGNGWTRI and PRSU would considerably leverage technical expertise of RGNGWTRI and PRSU and enable a framework for professional education and research programs in field of Ground Water;

RGNGWTRI, CGWB and PRSU hereby agree to collaborate in two separate phases:

Phase I:

- i. A Postgraduate Diploma in Applied Hydrogeology will be offered jointly by RGNGWTRI and PRSU in field of Applied Hydrogeology.
- ii. RGNGWTRI (PRSU) will provide 10-months programs, leading to award of PG Diplomas.
- iii. PRSU would admit and qualify candidates for the 10-months PG Diploma programs for award of PG Diploma in Applied Hydrogeology. Fees, as prescribed by PRSU, will be payable by the students. PRSU will adjudicate the award PG Diploma to the candidates in joint name of RGNGWTRI and PRSU.
- iv. An Apex Coordination Committee, consisting of the Member (RGNGWTRI) CGWB, Head, Department of Studies for Geology and Water Resource Management (SOSGWRM), PRSU and a Representative of Vice-Chancellor, PRSU will coordinate the program aspects and all necessary decisions to be taken by RGNGWTRI and PRSU towards the program. The Regional Director, RGNGWTRI will be the Member Secretary of the Apex-Coordination Committee.
- v. Both RGNGWTRI and PRSU will be involved in curriculum assessment, conduct of examinations, project examination and evaluation, project guidance and other aspects of the program in conformity with rules and regulations of PRSU. The Regional Director, RGNGWTRI will be the Member Secretary of the Apex-Coordination Committee. PRSU will work out all the details towards this.
- vi. RGNGWTRI through CGWB, will provide assistance as 'mutually agreed' to enhance capacity and further build capability of PRSU in the emerging and newer fields of ground water as required, include faculty exchange between PRSU and RGNGWTRI in the education and training.
- vii. Any change/modification to the MoU will be as agreed to by Chairman, CGWB and Vice-Chancellor, PRSU. The MoU will be reviewed on annual basis.

Phase II:

During the Phase II the scope for Academic Interaction shall be worked out. Both PRSU and RGNGWTRI shall encourage interaction between the Faculty, Scientists, Engineers, Research Fellows, Research Scholars and Students of both the organizations through the following arrangements:

- i. Joint Education Projects: PRSU Faculty and RGNGWTRI Scientists will undertake user oriented water research projects according to the following terms:
 - a. Projects proposed will be formulated jointly by the concerned Faculty/ Scientists of both the organizations.
 - b. Projects will be approved on the approval of both the organizations.

[Signature]

1. Exchange of Faculty/Scientists: Both PRSU and RGGWTRI agree to exchange Faculty/Scientists on a regular basis for the purpose of implementation of joint tasks.
2. Sharing of Important Facility: The two organizations agree to share their important R&D facilities.
3. Joint Conferences/Workshop/Courses: Both the organization's agree to hold / conduct the ever regular joint conferences/workshops/training courses in the areas of mutual interest.
4. Joint PhD Programmes: The Scientists working at RGGWTRI on a regular post and having a MSc/PhD degree or equivalent degree from a reputed Institution/University would be eligible to register for a PhD program as per the norms of PhD registration. For the candidates recommended by RGGWTRI as Junior or Senior Research Fellows (JRF/SRF), selected by PRSU, there will be a provision of joint supervision of the PhD students as per the PhD registration norms of PRSU. Such candidates shall be treated as full-time PhD students at PRSU. RGGWTRI JRF/SRF shall be registered under the joint supervision of a PhD guide from RGGWTRI and PRSU and the guide will be co-opted as Member of PRSU BOD of PRSU for JRF/SRF registered under him.
5. Intellectual Property Rights (IPR): The IPR that arises as a result of joint research and collaborative activity under the agreement will be worked out on a case-to-case basis and will conform with the officially laid down IPR policies of both the organizations.

6. A committee comprising of the following members will coordinate and monitor the

6.1. PRSU, RGGWTRI and other participating organizations:

1. Vice-Chancellor, RGGWTRI
2. Regional Director, RGGWTRI or his nominee
3. Head of Institute, PRSU - one of whom acts as a Coordinator from PRSU
4. Vice-Chancellor, RGGWTRI - one of whom acts as a Coordinator from RGGWTRI

7. A provisionally approved to use the financial resources generated through any of the above agencies to be put to use for "Kharai Kosh".

8. This MoU shall come in force from the 22nd Day of October in the year Two Thousand Eighteen.

For PRSU
RGGWTRI

For PRSU
Central Water Board

Registrar
Pt. Ravishankar Shukla University,
Raipur

REGISTRAR
Pt. Ravishankar Shukla University
RAIPUR (Chhattisgarh)



తెలంగాణ తలంగానా TELANGANA
S.No. 5205
Name Dr. Deepak Kumar Singh
S/o. Mr. Late K. S. Singh
Whom

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BANGARI VISHAL
Licensed Stamp Vendor
LIC No. 16-07-019/2012
Rev No. 15
R No. 3-6-751, 18, SL No. 13
Jangiyatungar, Hyderabad
PIN: 50005599976, 5299952711

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called the MoU) is entered into on this 19th day of May two thousand twenty-two by and between the President of India acting through the Director, Atomic Minerals Directorate for Exploration and Research (AMD), a Constituent Unit of Department of Atomic Energy (DAE), Government of India (hereinafter called "AMD" which expression shall mean and include its successors in interests and assigns) on the ONE PART;

AND

The Pt. Ravishankar Shukla University, Anapaka, GE Road, Raipur established under the UGC Act and acting through its Vice Chancellor/ Registrar (herein after called the "University" which expression shall mean and include its successors in interests and assigns) on the OTHER PART.

1.0 Preamble:

- 1) Atomic Minerals Directorate for Exploration and Research (AMD) is a premier National Research Centre under the Department of Atomic Energy (DAE) with the primary mandate of exploration and research for atomic minerals required for the country's nuclear power programme. AMD has a big pool of scientists in Geology, Geophysics, Nuclear Physics, Chemistry, Electronics, Instrumentation and Engineering disciplines. AMD is interacting closely with Universities and other Academic Institutions for promotion of research in the fields of Earth Sciences, Analytical Chemistry, Electronics, Instrumentation, etc. Apart from this, AMD is also

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experience/training/ dissertation project work by the students of Universities for their partial fulfillment of their degrees.

The Pt. Bhabhanagar Sharda University is the largest and oldest institution of higher education established in 1964. PRSU was set up to impart knowledge in the realm of higher education and research. The vision of the PRSU is to prepare the young generation to contribute to building of a peaceful world society based upon the principles of non-violence, equality, justice, plurality and human dignity. The mission of PRSU is:

a. To develop the University as a centre of excellence for higher education at national and international level.

b. To develop understanding of the students about the greater purpose of life and to enhance their values, self-esteem and self-reliance.

- To encourage high class education through university teaching and international studies.
- To promote qualitative research in university schools and affiliated colleges.
- To create an environment conducive to overall development of students.

3.7.2.1 Significant Objectives:

AMD has been doing a lot of work, has got a lot of data which is advancement in the field of research. We are using it for further research and pursuance of higher degrees. Therefore, AMD encourages its scientists to pursue research leading to various degrees viz. M.Tech, Ph.D and D.Sc. on a topic relevant to its exploration activities. AMD would encourage scientists to get involved for further research through employment of postgraduate scholars.

AMD has been doing a lot of work in the field of Geology, Geophysics, Nuclear Physics, Chemistry, Metallurgy, Chemistry, etc. can be shared with the students of the University. AMD encourages scientists to get involved for further research through employment of postgraduate scholars.

AMD is doing a lot of work in the field of research. Students of various teaching departments of AMD viz. Geology, Geophysics, Chemistry, Physics, Environmental Science, Life Sciences, Metallurgy, etc. can be shared with the students of the University. AMD encourages scientists to get involved for further research through employment of postgraduate scholars.

AMD is doing a lot of work in the field of research. Students of various teaching departments of AMD viz. Geology, Geophysics, Chemistry, Physics, Environmental Science, Life Sciences, Metallurgy, etc. can be shared with the students of the University. AMD encourages scientists to get involved for further research through employment of postgraduate scholars.

AMD is doing a lot of work in the field of research. Students of various teaching departments of AMD viz. Geology, Geophysics, Chemistry, Physics, Environmental Science, Life Sciences, Metallurgy, etc. can be shared with the students of the University. AMD encourages scientists to get involved for further research through employment of postgraduate scholars.

10.5.22

- (b) joint proposals and engagement in research or training programmes while extending invitations to each others personnel/faculty to participate therein;
- (c) exchange on reciprocal basis, student/personnel at under graduate, graduate, doctoral levels for specified periods for the purposes of education and/or research.
- (d) providing opportunities for the personnel of both the Parties and the students to use to the maximum, the expertise and facilities available in both the Organizations through training and through exchange of thoughts and research results, academic research and training materials, etc., and
- (e) sharing experience and expertise of both the Parties for mutual benefits.

3.0 Duration of MoU, Extension and Termination:


- 3.1 This MoU shall be valid for a period of 5 (five) years from the date of its signing.
- 3.2 This MoU may be extended for a further period of up to 5 years by mutual consent which will be in writing.
- 3.3 This MoU may be terminated by either Party by giving a written notice of not less than 3 months prior to the desired termination date to the other Party by mutual consent. However both Parties agree that notwithstanding the termination, all continuing obligations to students, scholars, staff/ personnel of both Parties, funding bodies or other entities under this MoU shall be met in full, subsequent to the notice of termination.
- 3.4 The termination of this MoU shall not affect the rights or obligations of either party regarding any binding offer or firm obligation approved and agreed to by the Parties prior to the notice of termination.
- 3.5 The termination of this MoU shall not invalidate any of the actions taken by either Party in good faith under the force of this MoU prior to such notice of termination.


4.0 Amendment/Modification:

No amendment to, or modification of, this MoU may be made except by written mutual consent between the Parties.

5.0 Duties and Responsibilities of AMD:

- 5.1 AMD will permit the exchange of resource personnel between AMD and the University for Specialized Lectures and practical demonstration. AMD will offer services to the University without any honorarium or compensation of any kind, on mutual understanding basis.
- 5.2 AMD will invite teachers and students from the University for participation in various Seminars, Symposia / Workshops in AMD, Hyderabad. No registration fee will be charged for up to five participants approved by the University authorities.
- 5.3 AMD will facilitate participation of M.Sc., M. Tech. & M. Sc. Tech students (Geology and Geophysics disciplines) in the AMD-Studentship Programme (AMDSP) with stipend at the rates prescribed and notified by AMD from time to time. A certificate of participation will be issued to such students. A copy of the prospectus on AMDSP as on date of signing of this MoU is annexed to this MoU and shall form part and parcel of this MoU. The terms and conditions of the AMDSP are subject to change from time to time and shall be sending on the University.


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- 6.6 The University will consider expertise available in AMD for the nominations in academic and scientific committees of the University for the advancement of science.
- 6.7 The University will also consider participation of AMD's Scientists in National level research projects undertaken by the University, for mutual benefit. AMD will not, however, participate in any consultancy projects which involves monetary benefit to the University or of commercial nature.
- 6.8 The University will extend all necessary and possible help to AMD in implementation of DAE's societal programmes such as the "AKRUTI Technology Package for Rural Deployment" and any other such programmes developed by DAE in future for societal developments. The University will also extend necessary and possible support to the public outreach programmes of DAE for propagating ideas of "Safe and Clean Nuclear Energy in India".
- 6.9 The University will invite AMD scientists for workshops, special lectures, seminars, etc. on subjects of mutual interest. No registration fee will be charged for such events from AMD upto five participants from AMD.
- 6.10 The University personnel shall comply with all the requirements, rules and regulation of AMD including safety, health, security access and operational practices, when they are in AMD complexes.
- 6.11 The University shall not use AMD's/DAE's name, logo, etc., for the purpose of publicity through any public media like press, radio, television, internet etc. without the prior written permission from AMD / DAE authorities. This clause also mutatis mutandis apply to the scholars, students, contractors, sub-contractors, consultants, advisors, etc. of the University and the university shall be vicariously liable for any breach of this condition by any of these functionaries, in addition to these functionaries being individually liable for such breach.
- 7.0 Financial and other Obligations:
- 7.1 This MoU does not commit any specific financial obligation or liability on either Party. Each Party shall be responsible for its own costs in connection with all matters relating to the collaborations under this MoU except to the extent specifically mentioned in this MoU. All the expenses on implementation of the programmes under this MoU incurred/ to be incurred by the Parties such as travel expenses, personal expenses, per diem, expenses on accommodation, health etc. shall be borne by the respective Party. However, in case of invited lectures, all such expenses of the invitee shall be borne by the inviting host party. In case of external funding of any programme, under this MoU, is considered necessary, either Party, by mutual consultation, may explore the same.
- 7.2 Nothing in this MoU constitutes or shall construe a Party as the partner, agent, employee or representative of the other Party. A Party to this MoU must not act independently of the other Party and does not have the right or power to commit the other Party on any matter or to incur any obligation on behalf or pledge the credit of, the other Party without the prior written approval of the other Party.
- 8.0 Confidentiality and Non-Disclosure of Information.
- 8.1 The Parties to this MoU agree that in general, there is no intention to share any confidential information or proprietary information in any collaboration under this MoU. At the same time, all information and documents to be exchanged pursuant to

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It is agreed that in the event of any need to share or disclose any such Confidential Information, the Recipient shall ensure that the Confidential Information is disclosed only to the necessary staff of the programmes under this MoU, all such staff shall remain the exclusive property of the disclosing party. The Recipient shall ensure that this agreement and the disclosure of the Confidential Information shall not be made available to the Recipient in respect of any other programme or project.

any person who has been convicted of a criminal offence, or otherwise, discovered or
 involved in the production, distribution, importation and exchange under the provision of this
 Act, shall be liable to imprisonment for a term not exceeding five years, unless otherwise agreed to by the
 court, and the court may, on conviction, order the person to pay a fine, and the approval of the competent authority in AMD is
 required for the enforcement of the law.

1. The information shall be available to all persons and shall be in force even after expiry of the period of validity of the information as may be brought in the form of a new information or a new search results, etc.

Article 11 of the Law of 1902 and the Official Secret under Section 5 of the Official Secrets Law of 1911, shall apply to the students, scholars and employees of the University, to the contractors, consultants, advisors or the employees of the University, and to the consequences under the aforesaid laws. The same shall not apply to the scholars, students, professors, teachers, consultants, advisors etc. of the University and the employees of the University, who are not bound by any of these laws. The University functionaries being individually liable for such

Figure 1. The effect of the concentration of the inhibitor on the rate of polymerization of α -methylstyrene in the presence of SnCl_4 at 25°C .

any accidental death or injury or loss, including loss of property, of any person, including a student, employee, or staff, Party or to any other person, arising out of the use of the premises of the Party, while in the premises of the Party, shall be the responsibility of the Party; nor its employees shall have any liability for any death or injury to any such students/scholars/employees. Each Party shall be responsible for the payment of the cost of the insurance in the regard.

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1. The Parties shall designate one person each from the respective institutions to serve as the coordinator and implementation of the joint project. The coordinator shall be designated by each Party and the implementation shall be monitored by the designated benefits to both the institutions. The Parties shall agree on the timing the implementation of this MoU and shall meet regularly to discuss and report on the progress. The committee shall meet at least once a year or more frequently as may be required.

Journal of Management Education 30(6)p. 789-804

Researchers may engage only in non-proprietary research during

10
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exchange visits under this MoU. The Parties do not intend for the Participating Researchers to create or develop new intellectual property as a result of such visits. If intellectual property is created or developed by Participating Researchers under this MoU, the Parties will negotiate in good faith to resolve the issues including but not limited to ownership, responsibility for patent or other statutory protection and licensing.

- 11.2 If specific collaborative research Projects are identified by either Party, the same shall be decided by mutual discussions. In such an event, the Parties to this MoU shall enter into a separate written agreement ("Specific Collaborative Research Project MoU") before commencing any research activity, setting forth therein all the requirements, each Party's contributions, deliverables and commitments. Such Specific Collaborative Research Project MoU will also delineate the Parties' rights and obligations and will address, among other things, sources of funding and intellectual property rights. Each Party shall inform its Participating Researchers that they are responsible for reporting to their respective Coordinating officer regarding any proposed specific collaborative research projects that may arise from their visits and their interactions with one another under this MoU, prior to initiating projects or applying jointly for external funding for such projects. Each Party also shall inform its Participating Researchers of their obligations to abide by all regulations, policies and procedures of their employing institutions regarding the disclosing and handling of intellectual property and developed technologies that may arise under this MoU or under any Specific Collaborative Research Project MoU.

12.0 Jurisdiction of Courts:

The Courts having jurisdiction at Hyderabad and the Honourable High court for the State of Telangana at Hyderabad shall have the exclusive jurisdiction on matters arising out of this MoU.

13.0 Arbitration:

- 13.1 Notwithstanding clause 12.0 hereinabove, any differences of opinion, disagreement or dispute arising out of or in the course of implementation of this MoU, shall be amicably settled by mutual discussions between the Heads of both the Parties to this MoU. In the event no settlement could be arrived at by mutual discussions as above, the differences of opinions, disagreement or dispute shall be referred to the sole Arbitration of an Arbitrator appointed by Secretary, Government of India, Department of Atomic Energy. The award of the Arbitrator shall be final and binding on the parties to this MoU.

- 13.2 Performance under this MoU shall not be or stand suspended or terminated due to initiation or continuation of any arbitration proceeding and no payment due under this MoU to any Party shall be withheld unless such payment constitutes the subject of such arbitration proceedings. The venue of arbitration shall be such as the arbitrator at his discretion may determine.

- 13.3 Subject as aforesaid, the Arbitration and Conciliation Act 1996, and the rules there under and any statutory modifications thereof for the time being in force shall apply to the arbitration proceedings under this clause. However, all payments due to AMD will be made during the period of dispute, unless that itself is the point of dispute.

- 13.4 In this clause the expression "Secretary, Government of India, Department of Atomic Energy" includes if there be no such Secretary, Government of India, Department of Atomic Energy the officer who is for the time being the Administrative head of the Department of Atomic Energy, whether in addition to other functions or otherwise.

[Signature]

[Signature]
19.5.22

3.7.2

14.0 Force Majeure:

Neither of the Parties hereto shall be considered in default in performance of the obligations hereunder, if such performance is prevented or delayed because of any act of God or caused by reasons beyond the reasonable control of such Party and in such an event, the agreed time of completion of obligation under this MoU shall stand extended by a period equal to the period of delay so caused.

(Dr. Deepak Kumar Sinha)
Director, AMD
Dr. D. K. SINHA
Director, AMD
Ministry of Science and Technology
Government of India
New Delhi-110002

(Prof. Girish Kant Pandey)
Registrar
Pt. Ravishankar Shukla University
Raipur
Chhattisgarh-492015

WITNESS

WITNESS

(Dr. T. S. Sunil Kumar)
Additional Director (R&D), AMD
Dr. T. S. Sunil Kumar
Additional Director
Ministry of Science and Technology
Government of India
New Delhi-110002

(Dr. Vyas Dubey)
Dean-Faculty of Science
Pt. Ravishankar Shukla University
Raipur
Chhattisgarh-492015



छत्तीसगढ़ CHHATTISGARH

P 172887

MEMORANDUM OF UNDERSTANDING

BETWEEN

Chhattisgarh Swami Vivekanand Technical University, Bhilai

And

Pt. Ravishankar Shukla University
School of Studies in Geology & Water Resource Management, RaipurTO PROMOTE CONSULTANCY, RESEARCH AND ACADEMIC CO-OPERATION

This Memorandum of Understanding entered into on the 22nd day of April 2022 between Chhattisgarh Swami Vivekanand Technical University, Bhilai (hereinafter referred to as CSVTU Bhilai) and School of Studies in Geology & Water Resource Management, Pt. Ravishankar Shukla University, Raipur (hereinafter referred to as GWRM-PRSU Raipur), desiring to promote consultancy, research and academic co-operation between the two institutes.

[Signature]
22.4.22

[Signature]

संख्या 208 दिनांक 22/4/22 पृष्ठ 100

1. नाम शुल सचिव व.र. वृ. वि. वि. शुभ

पिता/पति/पति

2. पता रा.प. 2 तालुका (उ.प्र.)

3. लिंग पुरुष

वैवाहिक

निवासी ग्राम तालुका (उ.प्र.)

4. माता का. 5 वैवाहिक प्रतिफल मूल्य



(Handwritten signature)

प्रदीप कुमार यादव
स्टाफ विकास
तेलीबांधा, रायपुर (उ.प्र.)



1. Purpose

The goal of the MOU is to foster collaboration provides opportunities to facilitate the advancement of expertise and knowledge based on reciprocity, best effort, mutual benefit, and frequent scientific interactions. This MOU serves jointly sponsoring research and consultancy, resource, expertise and knowledge sharing, exchange information on research and educational programs, etc., depending on the needs of the assignment. CSVTU and GWRM-PRSU agree to identify and commence sponsored research or development programs. The terms and conditions for such participation will be worked out by mutual agreement between CSVTU and GWRM-PRSU. Both the university will exchange information on sponsored research, consultancy, educational programs, teaching/learning material, etc, to their research consultancy and educational programs while respecting each other's intellectual property and other rights. CSVTU and GWRM-PRSU further agree that detailed terms and conditions that guide each activity identified above will be separately determined and agreed upon by the two Universities. These terms shall include a technical description of the proposed activity, financial arrangements, person(s) responsible for its implementation, etc.

2. Objective

- 2.1. Conduct joint consultancy and research projects and Human Resource Development plans for joint work with due approval of both the universities.
- 2.2. Joint sponsored and consultancy projects with both long term and short-term goals could be undertaken, keeping in view the interests and philosophies of the respective institutions.
- 2.3. Training program for faculty, staff, students and technical personnel within the areas of co-operation will be undertaken at the two institutions.
- 2.4. Faculty/technical personnel will be encouraged to deliver lectures/invited talks at the other institution. The TA/DA and the honorarium for the lectures shall be borne by the host institution.

3. Areas of Co-operation

The areas of co-operation will be defined and modified from time to time by the co-ordination committee set up for the purpose and will generally encompass the areas in Water Resources Engineering / Environmental Engineering / Geomatics and equivalent etc.

- 3.1. CSVTU, Bilal shall nominate the coordinator for each identified area of cooperation. CSVTU, Bilal may nominate more than one Coordinator, if needed.
- 3.2. Pt. Ravishankar Shukla University, Raipur shall nominate the Coordinator from GWRM-PRSU for each identified area of cooperation. Pt. Ravishankar Shukla University, Raipur may nominate more than one Coordinator, if needed.

4. Co-ordination Committee

4.1. The following will constitute the Coordination Committee to monitor and review the collaborative programme between the two institutions:

- i. Hon'ble Vice-Chancellor, CSVTU Bhilai and/or his nominee(s)
- ii. Hon'ble Vice-Chancellor, Pt. RSU, Raipur and / or his nominee(s)
- iii. HODs of the concerned department(s) from both of the Institutions to be invited whenever needed

4.2. The Co-ordination Committee shall:

- i. Review the progress of the identified programmes (at least once a year)
- ii. Consider the new R&D proposals for joint collaboration and implementation on case-to-case basis including IPR and financial arrangements.
- iii. Consider the addition/deletion of areas of co-operation between the two Institutions during review.
- iv. Consider the continuance of the MoU.

5. Project implementation & Budgeting

5.1. Any research and consultancy should be initiated by any of the both Universities shall be treated as leading university for executing the consultancy work for every project.

5.2. Both the universities shall take the responsibility to execute and finish the entire project on time and as per client's requirement.

5.3. The two universities jointly decide the survey/consultancy and project charges on their own based on their institutional rules and regulation. And the invoice will be raised by the leading university.

5.4. The leading university has responsibility to share the revenue generated to the partner university based on quoted charges and the taxes and/or TDS deduction shall be done by government norms.

5.5. All fees, service charges/taxes/GST and other charges that shall be levied from clients will be as per government norms. Or

All fees, service charges/taxes/GST and other charges that shall be decided by Co-ordination Committee in such a manner so that project will maintain its self-sustainability as well as recover its financial investment.

5.6. The revenue generated by all types of joint surveying/consultancy/technical services should be distributed to both the Universities:

If the CSVTU Bhilai is leading institute then it is their responsibility to deposit the generated revenue to GWRM-PRSU based on quoted charges and vice-versa. However, both Universities must follow the government guidelines for deducting the income tax TDS and GST TDS.

5.7. The completion of project will be responsibility of individual university. Both universities shall ensure the completion of project in given time frame.

[Signature]

6. Role, responsibility and sharing of facilities

- 6.1. The two Universities agree to share their respective important R&D facilities in order to conduct consultancy and research in the areas of cooperation to intensify the high priority area programme of Science and Technology.
- 6.2. The two Universities agree to use equipment, software, other materials and components developed in-house in the areas of co-operation if advisable within the framed rules governing the two institutes *and/or by a project specific agreement* and maintain secrecy and confidentiality.
- 6.3. Access to laboratory, library and other supporting facilities for jointly supervised Diploma / PG Diploma / B.Tech / MSc. / M.Tech students (in the areas of mutual interest) and a limited number of already registered Diploma / PG Diploma / B.Tech / MSc. / M.Tech students generally stationed at CSVTU Bhilai and GWRM-PRSU, will be provided by both Institutes. However, the supervision confirmation should be taken by the Institutional head(s) or Hon'ble Vice Chancellor(s).
- 6.4. A total of 3 (three) and 5 (five) selected students out of bachelor degree and master degree respectively in the areas of specialization of Water Resources Engineering / Environmental Engineering and equivalent will be allowed for project work at CSVTU Bhilai and GWRM-PRSU depending upon the availability of bench space. The students will work in the areas of mutually agreeable subject areas identified by the both Universities.

7. Publications and Patents

- 7.1. All publications in the programmes of co-operation will be co-authored by the concerned faculty and staff/Research Fellow of GWRM-PRSU and faculty and staff/Research Fellow of CSVTU Bhilai. The Coordination Committee shall review the patentability aspect of the research work and direct whether a patent or a publication be made.
- 7.2. GWRM-PRSU & CSVTU Bhilai will be joint holders of the intellectual property Right (IPR) / Patents flowing out of joint work. The decisions on ownership, licensing, costs, royalties, etc shall be discussed and made by Co-ordination committee and the coordination Committee recommendations shall be processed in accordance with the framework of IP guidelines and rules governed by individual party at GWRM-PRSU and CSVTU Bhilai. These decisions shall be specified and detailed in individual project/activity specific agreements that will follow under this MoU.

8. Non-Disclosures

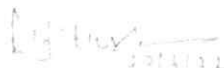
In case of joint research and consultancy projects taken up by GWRM-PRSU and CSVTU Bhilai, no party will disclose any investigation to media/any unauthorized person from each institute in any form whether electronic/print without mutual consent and approval by coordination committee.


[Signature]

9. MOU Duration

- 9.1 This MOU shall be valid for a period of five years from the date of signing.
9.2 When the validity of MOU ends, a fresh MOU with similar/modified terms may be considered for signing.

In witness whereof the two parties have signed this memorandum of understanding by both the parties on date, month and year referred above


(Dr. K.K. V.B. Pant)
Registrar
Chhattisgarh Swami Vivekanand
Technical University, Bilai



(Prof. G.K. Pant)
Registrar
Pt. Ravishankar Shukla University,
Raipur - 492010

Witnesses:

1. 
(Name & Signature)

2. 
(Name & Signature)

Witnesses:

1. 
(Name & Signature)

2. 
(Name & Signature)

Dated: 22-04-2022

Report On
The Workshop “Hands-on Actigraphy”
Date: 28th JULY 2022
Venue: LG-1, GMU
Organized by Odisha Centre for Geriatrics and Gerontology

Odisha Centre for Geriatrics and Gerontology of Gangadhar Meher University, Sambalpur, Odisha organized a workshop on “Hands on Actigraphy” on 28th July 2022 at LG-1 of GMU. The workshop was organized in collaboration with the Centre for Translational Chronobiology (CTC), Pt. Ravishankar Shukla University, Raipur. In the workshop, Prof. Arti Parganiha, the Coordinator of CTC, was present as a resource person and subject expert.

Importance of Workshop

The Odisha Center for Geriatrics and Gerontology (OCGG) at Gangadhar Meher University (GMU), Sambalpur is the first-ever center in the field of Geriatrics and Gerontology in Odisha. The Center was established in 2020 with financial assistance from the World Bank-funded “Odisha Higher Education Programme for Excellence and Equity” (OHEPEE) which focuses on interdisciplinary research on the social, psychological, and biological aspects of the elderly persons of Odisha.

One of the core objectives of the Center is to determine the sleep quality and cognitive abilities of the elderly population in Odisha. Therefore, the workshop has significant importance to the study of sleep quality measurement for the elderly population. Actigraphy is a non-invasive technique that is used to assess objective sleep variables and the rest-activity cycle of human subjects.

Proceeding of the workshop

The workshop began at 11:00 AM along with the introduction of the theme by Prof. Arti Parganiha.

Prof. Arti Parganiha elaborated in her lecture on the Application of Actigraphy-based output in various groups of subjects, such as seemingly healthy humans, cancer patients, and subjects with obstructive sleep apnea in the study area of Raipur. She also elaborated on the different parameters which are associated with the sleep quality in human subjects. She emphasized the importance of two rhythm parameters, i.e., autocorrelation coefficient at 24 hours (r_{24}) and dichotomy index ($I < 0$). She also highlighted the challenges faced during her studies. During the hands-on training session, she explained how to study the sleep-wake rhythms in human subjects using Actiwatch - MotionWatch8. She demonstrated how to configure the MotionWatch8 on a PC for data collection and how to retrieve the data of MotionWatch8 using

the software. She explained in detail the MotionWatch8-derived important sleep variables, Non-Parametric Circadian Rhythm Analysis (NPCRA), and the 24-hour activities of subjects. She explained the uses and operations of MotionWare Software.

During the deliberation, Prof. Parganiha suggested some points to incorporate into the OCGG study. The points are:

- a) To check the normality and homogeneity of data,
- b) To make a protocol that includes a selection of area, subjects, inclusion and exclusion criteria for Actigraphy study,
- c) Only trained persons should operate the MotionWatch8.

Participants

In the workshop, the participants were PI, Co-PI, Research Associate, Research Assistant, and Office Assistant of OCGG and other faculties from the School of Anthropology and School of Botany.

Some Photographs during the Workshop



SoS in Literature and Languages

3.7.2 MoU

2022-23

No. - 02



छत्तीसगढ़ CHHATTISGARH

P 463467

AGREEMENT

1. AGREEMENT:

- 1.1 This Memorandum of Understanding ("MOU") is made by and between **Pt. Ravishankar Shukla University (PRSU)** hereinafter referred to as **PRSU**, Raipur having its office at Amanaka Raipur, Chhattisgarh - 492010 (Which expression unless excluded or is repugnant to the context shall include its successors and assignees) **on the first part.**
- 1.2 **Pannalal Girdharilal Dayanand Anglo Vedic College, New Delhi** hereinafter referred to as "**(PGDAV College, New Delhi)**", which expression unless excluded or is repugnant to the context shall include its successors and assignees) on the other Part
- 1.3 Each referred to individually as a "Party" and together as the "Parties".

2. PREAMBLE:

Objective: The MoU was drawn up and agreed upon to establish academic, socio-cultural and allied cooperation between Pt. Ravishankar Shukla University (PRSU), Raipur, Chhattisgarh and Pannalal Girdharilal Dayanand Anglo Vedic (PGDAV) College, New Delhi

- 2.1 **WHEREAS**, Pt. Ravishankar Shukla University, Raipur is Chhattisgarh's one of the largest and oldest State Govt. University and a leading centre of higher education and research accredited "**A**" by **NAAC**. The University

Prashant Sharma

[Signature]

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General guiden Chapman

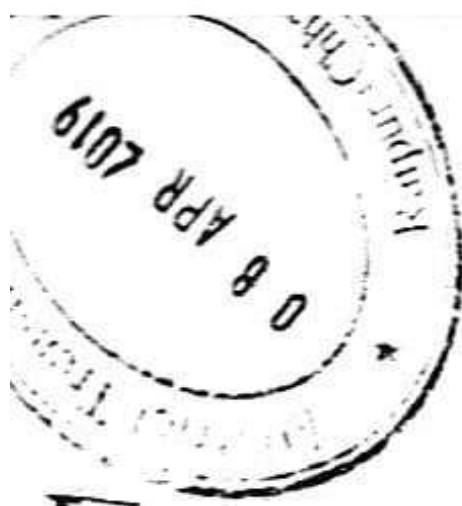
New Delhi

Am H

~~Subscribed~~
~~Handwritten~~

25 APR 2022

Agroverden New Delhi



क्रमांक 1443 दिनांक 30/4/19 कामत 100

विक्रेता का नाम कुलशरमिष मिहिरकर कारत कारत

पिता / पति / देवा प्र. 2 विवेक (क. 2 विवेक) 25/5/19 (उ. व.)

बाप का नाम प्र. 2 विवेक (क. 2 विवेक) 25/5/19 (उ. व.)
देवा का नाम प्र. 2 विवेक (क. 2 विवेक) 25/5/19 (उ. व.)

बाप देवामा प्र. 2 विवेक (क. 2 विवेक) 25/5/19 (उ. व.)

अमर लाल पंसारी
उकाजी लाल कोर

will be started. Workshop in translation (Sindhi, Hindi, English) and on story/poetry/novel writing will be conducted.

- c) The responsibilities and obligations of PRSU in hosting the SSCSS would include provision of accommodation, infrastructure, and support staff for work and other expenditure like travel, communication etc.

Clause 4: STAFFING PATTERN

To carry out the above mentioned objectives and to discipline the functions assigned to them, the SSCSS set up in PRSU will have the following staff:-

- | | | |
|-------|---|----|
| (i) | Honorary Director (Professor of the PRSU) | 01 |
| | (To be nominated by the Vice Chancellor) | |
| (ii) | Consultant (Sindhi knowing person) | 01 |
| (iii) | Visiting faculty (Subject expert) | 01 |
| (iv) | Clerk-cum-Computer Operator | 01 |
| (v) | MTS (Multi Tasking Staff) | 01 |

- a. Honorary Director is to be deputed from PRSU.
- b. Consultant may be hired at consolidated remuneration as per PRSU guidelines.
- c. Visiting Faculty may be invited as and when required. Remuneration may be paid as per PRSU guidelines.
- d. Clerk-cum-Computer Operator and MTS will be appointed as per PRSU guidelines.
- * Contractual & Temporary appointment shall be made as per PRSU guidelines by the Hon'ble Vice Chancellor of PRSU, Raipur. Preference may be given to a Sindhi knowing person.

Clause 5: MONITORING

For regular monitoring and periodic review of the work of the SSCSS, the Monitoring Committee shall consist of the following members:-

1. The Vice Chancellor of PRSU (Chairperson)
2. The Vice Chairperson of the NCPSL/nominated NCPSL member
3. The Director of NCPSL
4. A nominee of the Ministry of HRD, New Delhi
5. Honorary Director of the SSCSS
6. The Registrar of the PRSU
7. Finance Officer of the PRSU

The above committee will meet at least once in a year. However, there may be more need-based meetings in consultation with the Director, NCPSL.

Clause 6: Management of the SSCSS for promotion of Sindhi Language.

"Sant Shadaram Sahib Center for Sindhi Studies" shall function as an integral unit of the PRSU under which it is set up. On all the administrative and



प्रताप पिंजारी / Dr. Pratap Pinjani



REGISTRAR
Chukla University

academic matters, the Director heading the SSCSS shall report to the Vice Chancellor through the Registrar of the PRSU.

- All the day-to-day activities of the SSCSS will be run under the supervision and direction of the Honorary Director of the SSCSS.
- The Vice Chancellor shall have an authority to oversee the functioning of the said SSCSS and issue guidelines whenever he/she deems it fit and necessary.
- Suggestions and guidelines issued from the National Council for Promotion of Sindhi Language from time to time may also be adhered in carrying out the affairs of the SSCSS.
- The provisions of MoU can be, if need be, suitably modified on the mutually agreed terms by the parties to the Memorandum without affecting the objectives of the SSCSS.

Clause 7: Annual Report and Accounts:

Submission of Annual Report, Audited Statement of Accounts and Utilization Certificate will be as per PRSU Guidelines and has to be approved by the Advisory Committee of the SSCSS and the EC of PRSU. Copies of these documents have to be shared by both organizations with acknowledgement.



REGISTRAR

Pt. Ravishankar Shukla University
RAIPUR (Chhattisgarh)

Clause 8: FUNDING PATTERN

- The proposed SSCSS will have Corpus fund of Rs. 1.00 crore sanctioned by NCPSEL, New Delhi, vide cheque/D.D. No. 373751 Dated 30.03.2019 of State Bank of India, R.K. Puram, New Delhi.
- The Corpus fund will be deposited in a nationalized bank as fixed deposit so as to earn interest on the same.
- Further, 10% of interest accrued thereon will be treated as capital corpus.
- The activities and the programmes of the SSCSS, including the office expense, will be conducted and organized utilizing the remaining interest amount accrued on the corpus fund deposited.
- PRSU may incur such expenses to such extent on the activities of the SSCSS as approved by the appropriate authorities of the PRSU.
- The Director of SSCSS shall be the competent and controlling authority with power to draw and disburse salary, emoluments and miscellaneous expenses.
- The necessary infrastructure facilities will be made available by the PRSU for running the above SSCSS.
- PRSU would support most of the expenditure involved in human resources by way of redeploying its existing staff to look after the work of the "Sant Shadaram Center for Sindhi Studies".
- An advisory board of Sindhi experts consisting of 3-5 members will be constituted by the Hon'ble Vice Chancellor of PRSU when and where it is required.

Clause 9: TERMINATION


- a. This MoU can be terminated by either of the Parties on six months advance written notice from either side for the violation of any of the terms and conditions of this MoU in writing.
- b. However, if the MoU is terminated for whatsoever reason, the responsibility of each Party shall continue to exist till the completion of the programme to which the students have been admitted before the date of serving the notice of termination.

Clause 10: ARBITRATION

- In the event of any dispute or difference between the parties hereto, such disputes or differences shall be resolved amicably by mutual consultation. If such resolution is not possible, then unresolved disputes or differences shall be referred to the Vice Chancellor PRSU who shall endeavor to bring about amicable settlement, failing which legal dispute, if any shall be subject to the jurisdiction of the court concerned at Raipur.



REGISTRAR
Pt. Ravishankar Shukla University
RAIPUR (Chhattisgarh)



Dr. Pratap Pinnori
Director
Sant Shadaram Center for Sindhi Studies
PRSU, Raipur



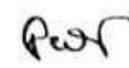
Clause 11: NOTICES

Any notice approval, consent and or other notification required or permitted to be given hereunder shall be in writing in Hindi/English and shall be personally delivered or transmitted by registered post with postage fully paid or transmitted by fax to the address specified in the beginning of the MoU or to such other addresses as may, from time to time be given by each Party to the other in writing and in the manner herein before provided to.

In witness whereof, the parties hereto have signed this Memorandum of Understanding by the hand of Dr. Pratap Pinjani, Director, National Council for promotion of Sindhi Language (Director on behalf of NCPSL) and Prof. Girish Kant Pandey (Registrar, Pt. Ravishankar Shukla University, Raipur on behalf of the PRSU) on the date, month and year referred to above.

For National Council for Promotion of Sindhi Language, New Delhi - 110 066 Dr. Pratap Pinjani Director National Council for Promotion of Sindhi Language, New Delhi Ministry of Human Resource Development, Shastri Bhawan, New Delhi Date: 01.05.2019 Place: Raipur	For Pt. Ravishankar Shukla University, Raipur - 492 010, Chhattisgarh Prof. Girish Kant Pandey Registrar Pt. Ravishankar Shukla University, Raipur, Chhattisgarh REGISTRAR Pt. Ravishankar Shukla University RAIPUR (Chhattisgarh)
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In present of:

Name: Ramach S. Lal Signature:  Mob.: 9911136296	Name: Shankar Lal Kunjam Signature:  Mob.: 7587252955
Name: Reena Siwani Translator. Signature: Reena Siwani Mob.: 8287791993	Name: Mahendrasingh Patel Sig.  Mob. 98271-16270

3.7.2.

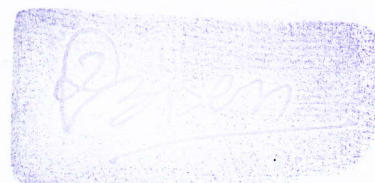
on 11/11/11

Dr R.C. Aggarwal
HOD physics
RegistrarC
11/11**MEMORANDUM OF UNDERSTANDING****BETWEEN****ARYABHATTA RESEARCH INSTITUTE OF
OBSERVATIONAL SCIENCES (ARIES)****AND****PANDIT RAVISHANKAR SHUKLA UNIVERSITY, RAIPUR,
CHHATTISGARH
(2011)**R-1272/
21-6-11**PREAMBLE**

The Department of Science and Technology (DST) and the University Grant commission have realized the need for a close linkage between National Laboratories and the Universities in terms of research and academic activities. It has been seven years since ARIES became an autonomous institute under the DST, Govt. of India. Within this short span of time ARIES has initiated a number of big impact projects in the fields of Astronomy & Astrophysics and Atmospheric Sciences. These include the 3.6-m telescope which is being installed at Devasthal in collaboration with Belgium and ST-Radar project which is being installed at the Manora Peak campus.

School of Studies in Physics and Astrophysics department of Pt. Ravishankar Shukla University (PRSU) has a number of faculties who are engaged in active research in the field of Astrophysics. The University is one of the IUCAA Resource Centres. The areas in which research activities are carried out at the department are; chromospherically active stars, chemically peculiar & variable stars, study of Supernovae, multi-wavelength surface photometry of early-type galaxies mainly to investigate properties of dust in early-type galaxies, galaxies from deep survey field, and theoretical investigations and modeling of galaxies. The University also has a number of small aperture telescopes essential to train M. Sc. and M. Phil. students. It is understood that to enhance the existing observing facilities, the University is setting up a bigger sized (24-inch aperture or higher) optical telescope.

The time is appropriate for ARIES and Pt. Ravishankar Shukla University to indulge in a scientific collaboration so that the younger minds graduating from the University will have a wider facilities to explore and get a flavor of research and developmental activities at an early stage. The close scientific relation between ARIES and the University can achieve an effective synergy. To further strengthen the already existing scientific relations, ARIES and PRSU have decided to sign a Memorandum of Understanding (MoU) as per the terms and conditions mentioned below.



1. GENERAL

2. ARIES scientist and faculty members of Physics Department of PRSU will work towards joint research projects thereby mutually using research facilities developed/ to be developed at ARIES and PRSU.

1.2 ARIES scientist shall participate in the teaching programs in the areas of mutual interest/departmental needs, at the Department of Physics, PRSU upon request and subject to mutual convenience. The proposal to consider ARIES scientist as Adjunct Faculty member to the concerned Department of PRSU may be submitted to the competent authority of PRSU. The Program Coordinators for coordinating the academic activities shall be HOD/Campus HOD of the concerned department from PRSU side and Chairman of Academic Committee of ARIES from ARIES side.

1.3 For supervising research leading to Ph. D. degree, PRSU will recognize and accept those ARIES scientist who has obtained a doctorate degree and published 5 research papers on concerned subject in standard refereed journals and have 5 years post-doctoral research experience.


1.4 ARIES selects students for the Ph.D program through interviews of candidates who are qualified in national eligibility tests (like JEST, CSIR-UGC, GATE and national level exam conducted by ARIES). PRSU will recognize all the students selected by ARIES.

1.5 ARIES conducts rigorous pre-Ph.D course work for the students inducted for the PhD program. The course work includes advanced topics from physics, which enables the PhD students to get acquainted with cutting edge research in the field of Astronomy and Atmospheric Sciences. PRSU will recognize ARIES course work.

1.6 The faculty and students of Physics Department of PRSU shall be allowed to use library, computer and Internet facilities of ARIES subjected to the terms and conditions of ARIES. Scientist and Ph. D. students of ARIES shall likewise be given the above-mentioned facilities at PRSU.

1.7 The faculty and the students of Physics Department of PRSU shall be issued temporary identity cards upon individual requests, by ARIES as per ARIES rules so as to provide them unhindered access to the laboratories and other facilities of the institute.

1.8 Where required, ARIES shall arrange hostel/guest house accommodation for PRSU faculty members and students coming to ARIES for research/collaborative work. PRSU shall also arrange hostel/guest house accommodation for ARIES scientist/research scholars /visiting faculties.



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding is made on this the 55 day of April, 2011 between **Oil and Natural Gas Corporation Limited (ONGC)**, a company registered under the Companies Act 1956, having its registered office at Jeevan Bharti Building, Tower-II, 124 Indira Chowk, New Delhi-110001 and one of its offices at Dehradun (herein after referred to as ONGC which expression shall unless repugnant to the context include its representatives, successors and permitted assignees) of the **FIRST PART** and

Pandit Ravishankar Shukla University, Raipur established under / registered under C.G. Univ. Act. 1973 (N.2) Act, having its office at Raipur, Chhattisgarh (hereinafter referred to as PRS University which expression shall unless repugnant to the context include its representatives and successors and permitted assignees) of the **SECOND PART**.

Whereas the PRS University has been established for the purposes, among others, for imparting education in Science, Arts, and the learned professions and of furthering advancement of learning and original research.

And Whereas ONGC is engaged in the business of hydrocarbons exploration and exploitation and has decided to institute ONGC Scholarships in PRS University.

Now Therefore in consideration of the mutual covenants set out in this MOU, the parties hereby agree on the terms and conditions details hereunder:

1. OBJECTIVE:

To strengthen industry-academia linkage by instituting ONGC Scholarships in PRS University for rewarding, encouraging and assisting meritorious students for higher studies in the petroleum upstream related education.

2. RESPONSIBILITIES AND COMMITMENTS:

In the spirit and context of the purpose of this MOU the parties agree to assist each other, to be committed to professional excellence, to communicate on a regular basis and to encourage open dialogue and cooperation between ONGC and PRS University.

3. SCHOLARSHIP

- i) There will be two scholarships in PRS University.
- ii) These scholarships will be called "ONGC Scholarships" and the scholarship holders will be called as "ONGC Scholars".



iii) The department / course and degree for which ONGC Scholarships will be instituted are presented in following table:

Sl. No.	Department / Course	Degree
1	Chemistry	M.Sc.
2	Physics	M.Sc.

iv) The criteria for selection of student for award of ONGC Scholarship, the scholarship amount and scholarship duration will be as follows:

Sl. No.	Degree	Year in which scholarship will be given	Qualifying criteria	Scholarship Amount (Rs per month)	Scholarship Duration
1	M.Sc.	Second Year	First rank in M.Sc. First Year	5000	1 Year

4. OBLIGATION OF PANDIT RAVISHANKAR SHUKLA UNIVERSITY, RAIPUR:

i) The PRS University will select the student for award of ONGC Scholarship in an academic year as per the criteria detailed in 3.iv) above.

ii) The PRS University after the selection of student for ONGC Scholarship will intimate Head ONGC Academy, Kaulagarh Road, Dehradun through a written report giving detail of the student selected. Biodata and photograph of the selected student will also be enclosed with the report.

iii) The PRS University will send a written demand note to Head, ONGC Academy, Kaulagarh Road, Dehradun for release of the fund for two ONGC Scholarships in an academic year for disbursement to the ONGC Scholars.

iv) The PRS University will receive the fund for ONGC Scholarships from ONGC and will disburse the same to the ONGC Scholars regularly.

v) The PRS University will submit the ONGC Scholarship fund utilization report in respect of an academic year to Head, ONGC Academy, 9, Kaulagarh Road, Dehradun confirming that the ONGC Scholar has received the entire ONGC Scholarship amount due to him, before requesting for release of fund for the next academic year.

Prasen

5. OBLIGATION OF ONGC:

- i). ONGC will award two ONGC Scholarships in the PRS University detailed below:

Sl. No.	Department / Course	Degree
1	Chemistry	M.Sc.
2	Physics	M.Sc.

- ii) ONGC will release the total fund for two ONGC Scholarships (scholarship at a rate of Rs. 5000 per month) in respect of an academic year after receiving the ONGC Scholar selection report and a written demand note from the Registrar of PRS University to Head, ONGC Academy, 9, Kaulagarh Road, Dehradun for release of the total fund for ONGC Scholarships.

6. VALIDITY OF MOU:

This MOU is effective from the academic year 2011-12. The ONGC reserves the right to terminate this MOU at any point of time.

7. DISPUTE RESOLUTION:

In the event of any dispute or difference between the parties hereto, such dispute or difference shall be resolved amicably by mutual consultation or through the good offices of Head ONGC Academy. In case such resolution is not possible, then the unresolved dispute or difference shall be referred to a committee consisting of two members each from ONGC and the PRS University with Director (HR) of ONGC as its head, the decision of the committee shall be binding upon both the parties. Provided, however, any party aggrieved by such decision may make a further reference for setting aside or revision of the decision to the CMD of ONGC whose decision shall bind the parties finally and conclusively.

8. APPLICABLE LAW AND JURISDICTION:

All question disputes or differences arising under out of or in connection with the MOU shall be governed by Indian Laws, both procedural and substantive and shall be subject to exclusive jurisdiction of Courts at Dehradun.

9. AMENDMENT:

This MOU may be amended in writing with the mutual consent of both parties.



10. OPERATION, CONDUCT AND IMPLEMENTATION:

PRS University and ONGC agree to nominate specific personnel for operational, conduct and implementation of this MOU.

- a. Head ONGC Academy, ONGC shall be the sole operator on behalf of ONGC.

Address : Head ONGC Academy,
KDMIPE Campus, 9, Kaulagarh Road, Dehradun-248195
Phone No. : 0135-2754283
Fax No. : 0135-2758832

- b. Registrar, PRS University shall be the sole operator on behalf of the PRS University.

Address : Registrar,
PRS University, Raipur, Chhattisgarh
Phone No. : 0771 2262540 94255 22023
Fax No. : 0771 2262818

The document signed by both the parties constitutes the entire understanding between ONGC and the PRS University.

In witness whereof, the parties to this MOU through their authorized representatives have affixed their signatures on this MOU on the day and year first hereinabove mentioned.

Signed: 
Registrar

On behalf of PRS University
RAIPUR (C. G.)

Name: (K.K. Chandrakar)

Registrar PRS University, Raipur

Date: 5-4-2011

Place: Raipur

Witness: 

Signed: _____

On behalf of ONGC

Name: _____

Head ONGC Academy, Dehradun

Date: _____

Place: _____

Witness: _____





अंतर-विश्वविद्यालय केंद्र : खगोलविज्ञान और खगोलभौतिकी

IUCAA

An Autonomous Institution of the University Grants Commission

May 06, 2019

To,

Dr. Nand Kumar Chakradhari

Pandit Ravishankar Shukla University,

Raipur- 492 010

Chhattisgarh

Subject: IUCAA Centre for Astronomy Research and Development (ICARD)

Dear Dr. Chakradhari,


Thank you for accepting our invitation. Your Department is now an IUCAA Centre for Astronomy Research and Development (ICARD) from March 31st 2019, with you as its coordinator.

We look forward to your proposals to hold Astronomy related events, which you may send to me with a description and a budget. There is no prescribed format for such proposals, which need to be approved by the IUCAA's Meeting Committee or the Dean, VAP. Upon approval, you may request IUCAA to advance you a sum not exceeding 80% of the sanctioned budget. Utilization Certificate for each such event has to be sent separately.

If you plan to hold smaller events like seminars, IUCAA may advance you Rs. 30,000 for such activities. Please send me a request if you would like to get this advance. Utilization Certificates for these smaller activities may be sent collectively before February 2020. However, a proposal for each of these smaller activities will need to be sent to me and will be required to be approved by the Dean, VAP.

Looking forward to working together with you to promote Astronomy.

with regards,


Ranjeev Misra



Mailing Address : IUCAA, Post Bag 4, Ganeshkhind, Pune - 411 007, India.

Location : Meghnad Saha Road, Savitribai Phule Pune University Campus, Pune - 411 007.

Phone : 020-2569 1414, 2560 4100 | **Fax :** +91-20-2560 4699

E-mail : root@iucaa.in

IUCAA Centre for Astronomy Research and Development (ICARD)

It is proposed to have IUCAA Centre for Astronomy Research and Development (ICARD) at various Universities and Colleges. The ICARD programme would bring into its fold the various different centres that IUCAA has had in the past.

The primary functions of the ICARDs are:

- 1) To contribute to development of innovative teaching methods designed for Astronomy. This includes development of upto date course structures and new kinds of experiment/data analysis sessions which can be a part of a starting or existing Astronomy course in a University. They will try and inculcate distant learning programs and come up with suggestions as to how they can be implemented.
- 2) To hold frequent workshops/schools/meetings at various levels at the host University/College and at nearby regions.
- 3) To have an active public outreach program for Astronomy.
- 4) To be visiting Centre where nearby Astronomers can visit.

Modes of Functionality:

Funding for these activities may be provided by IUCAA. For each activity (such as seminars, workshops, meetings) the ICARD may make a proposal to IUCAA with a budget for approval. The ICARD may also make other requests (such as setting up a facility for distant learning), which will be considered on a case by case basis. The ICARDs are encouraged to come up with innovative plans to enhance Astronomy in their regions taking into account the local logistics and requirements.

A running expense up to Rs. 30,000 will be provided to each ICARD as per need. This expense will be used for small day to day costs such as a visit by a scientist from another University, consumable stationery etc.

All financial transactions from IUCAA to the ICARD will be made through NEFT transfer to an official account of the University/College/Institute. Earlier IUCAA centres which have had separate accounts in the centre's name, should be terminated and the remaining funds returned to IUCAA. Utilization Certificates and statement of expenditure for the finances provided by IUCAA, will be prepared and sent by the ICARD to IUCAA. The ICARD will also send before February 1st the details of the expenditure incurred in the running costs.

IUCAA will not lend any asset to the ICARD, except as required and sanctioned by specific proposals made and approved by IUCAA. IUCAA assets in earlier IUCAA centres will be disposed/returned/retained through a separate process. ICARDs will have a validity of two years beginning from March 31st of the year of the acceptance of the invitation to become an ICARD. ICARD must provide routine updates and reports of their activities which must be at least once a year. The reports and updates will be displayed in public view in the IUCAA webpage. Renewal of the ICARD after two years will depend on the successful activities undertaken by the Centre.

2/1/2011



INSTITUTE OF RENEWABLE ENERGY TECHNOLOGY & MANAGEMENT

PT. RAVISHANKAR SHUKLA UNIVERSITY

G.E. ROAD, AMANAKA, RAIPUR (C.G.)

Recognized by UGC, AICTE & Skill Council for Green Jobs

Website: www.prsu.ac.in

E-Mail ID: renewable.prsu@gmail.com

LIST OF FUNCTIONAL MOUS WITH INSTITUTIONS

Organisation with which MoU is signed	Name of the institution/ industry/ corporate house	Year of signing MoU	Duration	List the actual activities under each MOU year wise	Number of students/teachers participated under MoUs
Srijan Sanchar 404, Achraj Tower II, Chaoni Sadar, Nagpur, Maharashtra 440001	Institute of Renewable Energy Technology & Management ,Pt Ravishankar Shukla University Raipur	2020	2020 -2023	Srijan Sanchar has helped our students in internship ,proect finalisation and placement and in Innovation, Research & Development . A webinar for students for developing skill was organised	3 teachers and 45 students in Webinar 3 Students are provided internship by Srijan Sanchar
Saitech energy space systems Pvt. Ltd EMS House, 9, Ram Gopal Maheshwari Marg, Zone-I, Maharana Pratap Nagar, Bhopal, Madhya Pradesh 462011	Institute of Renewable Energy Technology & Management ,Pt Ravishankar Shukla University Raipur	2020	2020-2025	05 DAYS Training Workshop on Solar Entrepreneursip Program	5 teachers and 48 students
NPL – CSIR-National Physical Laboratory, Dr. K.S. Krishnan Marg New Delhi – 110012	Institute of Renewable Energy Technology & Management ,Pt Ravishankar Shukla University Raipur	2021	In Process	MoU in process	
INTERNATIONAL INSTITUTE OF WASTE MANAGEMENT (IIWM) No. 6, First Floor, Sankey Road, Lower Palace Orchards, Sadashivnagar, Bangalore 560 003	Institute of Renewable Energy Technology & Management ,Pt Ravishankar Shukla University Raipur	2021	In Process	MoU in process	
Pandit S. N. Shukla University, Shahdol, Madhya Pradesh	Institute of Renewable Energy Technology & Management ,Pt Ravishankar Shukla University Raipur	2023	In Process	MoU in process	
Indian Society for VLSI Education (ISVE) Ranchi, Jharkhand, India	Institute of Renewable Energy Technology & Management ,Pt Ravishankar Shukla University Raipur	2023	In Process	MoU in process	

Memorandum of Understanding (MOU)

Between



PT. RAVISHANKAR SHUKLA UNIVERSITY,
RAIPUR CHHATTISGARH
AND



SRIJAN SANCHAR

Ideas to Iconic institutions
Nagpur, Maharashtra

This Memorandum of Understanding (MOU) is entered into on July 2020 between Pt. Ravishankar Shukla University, Raipur represented by the **Dr. Girish Kant .Pandey**, Registrar, Pt. Ravishankar Shukla University and Srijan Sanchar represented by **Mr. Aditendra Jaiswal**, Lead Enabler Srijan Sanchar.

PURPOSE OF MOU

The purpose of this MOU is to establish the terms and conditions under which Srijan Sanchar and Pt. Ravishankar Shukla University, Raipur will work together in the domain of Industry academia collaboration, innovation, Entrepreneurship, Incubation, Centers of Excellence for focused research, One district One Product Programme, On institution One Initiative Rejuvenate Operate transfer model of reviving challenged knowledge base enterprises .

Parties- This Memorandum of Understanding (hereinafter referred to as "MOU") is made and entered into by and between Srijan Sanchar, whose address is, 404 Achraj Tower 2 Chaoni Sadar Nagpur and, Pt. Ravishankar Shukla University, Raipur

Background

Pt. Ravishankar Shukla University, Raipur is Chhattisgarh's one of the largest and oldest State Govt. University and a leading centre of higher education and research accredited "A" by NAAC. The University was founded in 1964, and named after the first chief minister of erstwhile Madhya Pradesh and approved and registered under State Govt. Act. There are Twenty-Nine teaching departments in the University which offer seven undergraduate and Thirty eight postgraduate programs besides PhD programs covering humanities, natural science, Physical Sciences, Photonics, Renewable Energy, law, education, pharmacy, management, physical education, library science and computer science, etc.

About Srijan Sanchar

Srijan Sanchar inspired by the vision "Innovations Are Ideas In Action" is a leading organization in the field of innovation covering the entire continuum from creativity to entrepreneurship. Srijan Sanchar is working with number of industries in public and private sector to upgrade their research and design capability through collaboration with appropriate academia. It has acquired thought leadership through Development of Holonomic duals based method of problem solving, Multiple Perspective through Multiple Analogy, Creativity of constraints, S curve to J curve,

Aditendra Jaiswal

Multi Perspectival SWOT. Srijan Sanchar has to set up a entrepreneurship accelerator SRIJAN SAMARTHAN to transform ideas to reality. Srijan Sanchar has set up a number of Centres of Excellence in the emerging areas of innovation. Srijan Sanchar is committed to finding ideas for real solutions to real problems and ideas for exploiting emerging opportunities of cities through Innovation Challenges "Nagar Navrachna". Srijan Sanchar has conducted more than one hundred workshops on creativity and innovation in multiple institutions, research organizations, schools etc. Its Unique methodologies based on active learning states and encompasses a number of techniques wide range like visualization, auto ethnography, modelling, modular origami, movement, kinesthetics, sketching, optical illusions, brain lateralization through music and role play.

TERMS OF MOU

This MOU is effective upon the day and date last signed and executed by the duly authorized representatives of the parties to this MOU for a period of three years, the period of MOU can be extended with mutual consent.

ROLES AND RESPONSIBILITIES of SRIJAN SANCHAR

1. Srijan Sanchar will connect Pt. Ravishankar Shukla University, Raipur and affiliated colleges to Industries, entrepreneurs, Industry associations, ideators, and other institutions of learning to collaborate on research projects.
2. Srijan Sanchar will assist Pt. Ravishankar Shukla University, Raipur and affiliated colleges to become a Centres of Excellence in identified areas.
3. Srijan Sanchar will connect Centre of Excellence to complimentary institutions.
4. Srijan Sanchar will associate with Pt. Ravishankar Shukla University Raipur Colleges to build their research capabilities
5. Assess core competencies identify research priorities and areas of focus.
6. Organize knowledge generating events like workshops and conferences.
7. Srijan Sanchar will identify and facilitate transfer of challenged Knowledge based for revival under Rejuvenate operate transfer model of Srijan Sanchar to Pt. Ravishankar Shukla university Raipur colleges.
8. Srijan Sanchar will share its frameworks for competency assessment of cities and districts in association with Pt. Ravishankar Shukla University, Raipur and affiliated colleges for promoting One district One Product policy.

Aditya Jaiswal

9. Srijan Sanchar will share its frameworks for strategic intent of institutions with in association with Pt. Ravishankar Shukla University, Raipur and affiliated colleges for promoting one institution one Initiative policy.
10. Srijan Sanchar will launch front end of appropriate innovation challenges for h the colleges in association with Pt. Ravishankar Shukla University, Raipur to promote ideation capability of students .

ROLES AND RESPONSIBILITIES OF PT. RAVISHANKAR SHUKLA UNIVERSITY RAIPUR

1. PT. RAVISHANKAR SHUKLA UNIVERSITY RAIPUR will appoint overall faculty coordinator and other lead faculty members for individual areas of strength
2. Examine opportunities brought out by Srijan Sanchar to the notice of faculties and students seeking relevant topics for, M.Sc. Electronics, B.Voc. Renewable Energy Technology & Management, M.Tech. Optoelectronics & Laser Technology, M.Sc. other subjects, M.A., M.B.A., M.C.A., B. Pharma., M.Tech., M.Phil and Ph.D projects.
3. PT. RAVISHANKAR SHUKLA UNIVERSITY RAIPUR will be responsible for preparation of synopsis as defined for projects.
4. PT. RAVISHANKAR SHUKLA UNIVERSITY RAIPUR will provide support in the form of physical space, faculty guidance etc.
5. COE at PT. RAVISHANKAR SHUKLA UNIVERSITY RAIPUR will prepare a research landscape survey and update it annually.
6. PT. RAVISHANKAR SHUKLA UNIVERSITY RAIPUR will identify suitable colleges for co creating knowledge base for One district One Product Programme.
7. Develop systems for reviving challenged knowledge base enterprises under Rejuvenate Operate transfer model of Srijan Sanchar.
8. Encourage students to participate in projects and innovation challenges

MATTERS REQUIRING UNANIMOUS CONSENT

1. Responsibility and authority of day-to-day operations will be delegated to Faculty in-charge, PT. RAVISHANKAR SHUKLA UNIVERSITY RAIPUR and Lead Enabler, Srijan Sanchar

GENERAL PROVISIONS

CONFIDENTIALITY

Aritendrajaiswar

Each party agrees that it shall not, at any time, after executing the activities of this MOU, disclose any information in relation to these activities or the affairs of business or method of carrying on the business of the other without consent of both parties

ADDENDUM

- Any Addendum to this MOU shall be in writing and signed by both parties.
- The terms and provisions in this MOU also apply to any subsequent Addendum to this agreement.

INTELLECTUAL PROPERTY MANAGEMENT

Every associate of the COE will agree on assignment of inventions and confidentiality agreement. The assignment should make it clear that the technology/intellectual property belongs to the COE. The assignment is intended to remove any incentive for the associate's party to attempt to exploit the technology other than through the organization. The assignment should be permanent and survive the associate's departure from the organization. The assignment should include the associate's agreement to assist the organization in effecting the transfer, such as by executing documents that might be required to assign patents and patent applications.

PUBLICATIONS AND PATENTS

The Coordination Committee of COE shall review the patentability aspect of the research work and direct whether a patent or a publication be made.

GOVERNING LAW

This Agreement shall be governed by and construed in accordance with the laws of the State of Chhattisgarh applicable to contracts.

SUCCESSORS AND ASSIGNS

Except as otherwise provided herein, the provisions hereof shall inure to the benefit of, and be binding upon, the successors, assigns, heirs, executors, and administrators of the parties hereto, provided that none of the parties is intended to have any right, remedy, or privilege hereunder

ENTIRE AGREEMENT

This Agreement and the other documents delivered pursuant hereto constitute the full and entire understanding and agreement between the parties with regard to the subjects hereof and thereof.

Ajitendra Jaiswal

AMENDMENTS AND WAIVERS

Except as provided above, any term of this MOU may be amended and the observance of any term of this MoU may be waived (either generally or in a particular instance and either retroactively or prospectively), with the written consent of any amendment or waiver effected in accordance with this section shall be binding up the parties.

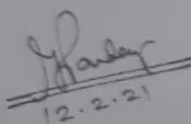
Duration

This Memorandum of Understanding shall become effective upon signing by both Parties and shall remain in effect for THREE (3) years. It may be extended further by mutual agreement. The MOU may be terminated by either party by giving six months' notice and settling all outstanding dues, if any, within that period.

Read, understood and consented

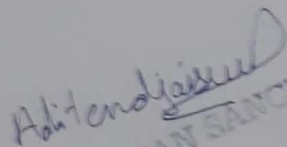
IN WITNESS, WHEREOF THE UNDERSIGNED, duly authorized thereto, has signed this Memorandum of Understanding on July 2020

Parties


(Dr. Girish Kant Pandey)

Registrar

Pt. Ravishankar Shukla university
Raipur Chhattisgarh


(Aditendra Jaiswal)

Lead Enabler

SRIJAN SANCHAR
Nagpur, Maharashtra

Witness:

1. Dr. Sanjay Tiwari

Professor & Head
S.o.S. in Electronics & Photonics
Institute of Renewable Energy
Technology & Management
Pt. Ravishankar Shukla university
Raipur Chhattisgarh

Dr. Sanjay Tiwari
Professor & Head
School of Studies in Electronics & Photonics
Pt. Ravishankar Shukla University, Raipur (C.G.)

2. Shri Shailendra Jaiswal

Principal Executive Director
Defence Research Development
Organisation, New Delhi



SAITECH ENERGY SPACE SYSTEMS PVT. LTD.

Ground Floor, Hall No. 1, Chittod Complex, Zone-I, M.P. Nagar, Bhopal, (M.P.)
Cell : +91-9685580822, E-mail : saitechsystems471@gmail.com
website : www.saienergysystems.com

Memorandum of Understanding (MOU)

between

**Pt. Ravishankar Shukla University Raipur,
Amanaka G.E. Road, Raipur (CG) 492010
- hereinafter referred as PRSU**

&

**SAITECH ENERGY SPACE SYSTEMS PVT.
LTD, BHOPAL**

**PRSU-SAITECH ENERGY SPACE SYSTEMS PVT.
LTD COOPERATION**



SAITECH ENERGY SPACE SYSTEMS PVT. LTD.

Ground Floor, Hall No. 1, Chittod Complex, Zone-I, M.P. Nagar, Bhopal, (M.P.)
Cell : +91-9685580822, E-mail : saitechsystems471@gmail.com
website : www.saienergysystems.com

This Memorandum of Understanding (MOU) memorializes the Participants intent to cooperate to maximize the benefit of their respective institutional interests.



Saitech Energy Space Systems Pvt. Ltd.

Ground Floor, Hall No. 1, Chittod Complex, Zone-I, M.P. Nagar, Bhopal, (M.P.)
Cell : +91-9685580822, E-mail : saitechsystems471@gmail.com
website : www.saienergysystems.com

Memorandum of Understanding (MOU) between Pt. Ravishankar Shukla University Raipur, Amanaka G.E. Road, Raipur (CG) 492010 & Saitech Energy Space Systems Pvt. Ltd., Bhopal, Dated. 07 April 2021.

Whereas Pt. Ravishankar Shukla University Raipur, hereinafter called PRSU, is the leading body of higher education and research, funded by the state and central government and having the status of the largest & one of the oldest University of Chhattisgarh with 244 affiliated colleges and has been ranked country's 46th best University by the Union Human Resources Ministry's National Institutional Ranking Framework (NIRF) 2016. The University has 28 teaching departments which offers seven under-graduate and Thirty Eight post-graduate programs in various disciplines besides being a well-known centre for Ph. D. Programmes;

Whereas Saitech Energy Space Systems Pvt. Ltd., hereinafter called SESSPL is a Rooftop Solar Power Plant Installation, Solar Water Heater Installation, and EPC Kit Service based company.

Whereas PRSU has specialisation in Optoelectronics , Photonics, Semiconductors ,Organic Electronics, Modelling Solar Photovoltaics, Physics & Astro Physics, Thin Film deposition, geological and Water Resource Management, Energy management, Power electronics, chemical and physical testing, telecommunication etc and started a UGC approved three year Degree course **Bachelor of Vocation in Renewable Energy Technology & Management** under the National Skill Qualification Framework

Whereas SESSPL, offers best in class and quality services in field of Rooftop Solar Power Plant Installation, Solar Water Heater Installation, and EPC Kit. Primarily the company is dedicated towards solar based Energy Harvest Technique. It also offers service such as Solar Thermal, Solar Photovoltaic, Remote Village Electrification, Bio-mass Gasifier etc.

Whereas both Parties had extensive discussion and consultation with a view to synergising their knowledge, capability, experience and expertise;

Purpose

The objective of this Memorandum of Understanding is to promote a mutually beneficial partnership between the Parties in the field of renewable Energy to promote transtion to low carbon economies. This MoU will facilitate SESSPL to contribute to the B.Voc.in Renewable Energy Technology & Management and other Programmes through exchange of ideas and expertise, and guest faculty.

Both Parties have decided to enter into a Memorandum of Understanding, herein after called MOU, as follows:-

1. Both Parties, one being the leader in Renewable Energy and Energy Conservation/Efficiency in the State and the other being the foremost higher



Saitech Energy Space Systems Pvt. Ltd.

Ground Floor, Hall No. 1, Chittod Complex, Zone-I, M.P. Nagar, Bhopal, (M.P.)
 Cell : +91-9685580822, E-mail : saitechsystems471@gmail.com
 website : www.saienergysystems.com

- education institution of the State, agree that there is a need for collaboration between them in the overall interest of the country;
2. Both Parties recognise that there is huge potential to benefit from each other in improving their respective knowledge, expertise and experience;
3. Both Parties agree to open up their facilities, laboratories and infrastructure for their mutual benefit;
4. Both Parties agree to exchange their faculties/ engineers and evolve curricula for facilitating this exchange programme for their upgrading their knowledge and skills;
5. It is also agreed that PRSU will help SESSPL in the form of testing and consultancy provider in the Projects based on Renewable Energy and Energy Conservation/Efficiency. It was noted that PRSU already is having some infrastructure for testing and monitoring electrical parameters of Solar Systems and Electrical equipments which they will upgrade to the required level with the assistance and guidance of SESSPL and shall carry out these tests of electrical equipments, water, chemicals, solar thermal, PV products etc. PRSU norms will be followed for the claim of testing and consultancy fees.
6. It is also agreed that depending on the availability of testing facilities at PRSU, SESSPL will avail facilities for testing of products like Solar Lanterns, Solar Task Lamps, Solar Study lamps, Solar Home Lighting Systems, Inverters, Charge Controllers, Power Conditioning systems, Solar Pumps, Solar Cookers, Solar Water Heating Systems, Energy Efficient Lamps etc.
7. It is also agreed that SESSPL will organise training programs for students of Bachelor of Vocation in Renewable Energy Technology & Management and extend support to this course that will give birth to a young dynamic generation of engineers who will inherit the challenge of creating a sustainable future.
8. Both Parties agree to constitute a Standing Committee comprising of equal number of Members from both the organisations with a rotating Chairman to formulate future programmes of collaboration and review the progress of their implementation.
9. This MoU will take effect from the date it is signed by representatives of the two organizations. It will remain valid for a period of five years. This MoU will be reviewed after two years; the terms of this MoU may be amended by mutual written agreement prior to the date of review. Any extension to this MoU will be formally agreed in writing by both Parties.
10. Either party may terminate the MoU by giving written notice to the other party three months in advance. Once terminated, neither PRSU nor SESSPL will be responsible for any losses, financial or otherwise, which the other organization may



Saitech Energy Space Systems Pvt. Ltd.

Ground Floor, Hall No. 1, Chittod Complex, Zone-I, M.P. Nagar, Bhopal, (M.P.)
Cell : +91-9685580822, E-mail : saitechsystems471@gmail.com
website : www.saienergysystems.com

suffer. However, PRSU and SESSPL will ensure that all activities in progress are allowed to complete successfully.

This Memorandum of Understanding is signed at Raipur on ____02-06-2020____

(Dr. Sanjay Tiwari)
Coordinator, Institute of RETM
Pt. Ravishankar Shukla University, Raipur
Ltd.

(PRSU) Raipur (CG)

Saitech Energy Space Systems Pvt. Ltd.

(Shri Sanyam Indurkha)

Director

Saitech Energy Space Systems Pvt.

(SESSPL) Raipur (CG)

Memorandum of Understanding (MoU)

**Between
CSIR-National Physical Laboratory
(NPL), New Delhi
And**

**Pt. Ravishankar Shukla University,
Amanaka, GE Road, Raipur (C.G.)**

**To Promote Academic and
Research Interaction/Cooperation**

1. AGREEMENT:

- 1.1 This Memorandum of Understanding (this "MOU") made between CSIR-National Physical Laboratory, Dr.K.S.Krishnan Marg, New Delhi-1 (hereinafter referred to as "CSIR-NPL" which expression shall wherever the context so admits include its successors and permitted assigns) of the first party..
- 1.2 Pt. Ravishankar Shukla University, Raipur, Chhattisgarh INDIA, (hereinafter referred to as "PRSUR" which expression shall wherever the context so admits include its successors and permitted assigns) of the second party.)

2. PREAMBLE:

2.1 WHEREAS, CSIR-NPL is mandated to be India's "**National Measurement Institute**" (NMI) by the act of Parliament and its associated rules for legal metrology. CSIR-NPL is the custodian of "National Standards" with a responsibility of realization, establishment, upgradation, maintenance and dissemination of standards at par to international level. CSIR-NPL is serving the Indian industry, academia and strategic sectors to excel in their endeavours by providing APEX level testing and calibration facilities. Photovoltaic group at CSIR-NPL is the oldest photovoltaic group in the country and has very rich history in silicon based photovoltaics since last four decades. The Photonic materials metrology group is a very active, vibrant and internationally known centre actively engaged in the areas of nano photonics, organic photonics and optoelectronics, Ultrafast Optoelectronics & Terahertz Photonics and advanced luminescent materials for security ink. CSIR NPL is Testing and Calibration of PV devices and Quality Measurement System.

2.2 WHEREAS, Pt. Ravishankar Shukla University, Raipur is Chhattisgarh's one of the largest and oldest State Govt. University and a leading centre of higher education and research accredited "**A**" by NAAC. The University was founded in 1964, and named after the first chief minister of erstwhile Madhya Pradesh and approved and registered under State Govt. Act. There are Twenty-Nine teaching departments in the University which offer seven undergraduate and Thirty eight postgraduate programs besides PhD programs covering humanities, natural science, Physical Sciences, Photonics, Renewable Energy, law, education, pharmacy, management, physical education, library science and computer science, etc.

The School of Studies in Electronics & Photonics a department of **University** is running M. Tech Programme in Opto-electronics and Laser Technology sponsored & approved by University Grants Commission under its National Innovative Programme: Teaching and Research in Interdisciplinary and

Emerging Areas & All India Council of Technical Education (AICTE) Technology has been developed in response to demand for trained graduates in the emerging, and rapidly growing photonics industry. The laboratories in area of lasers, fiber optics, nonlinear optics, optical communication and nanotechnology are among the best in the country offering M.Tech programs and number of collaborative programs at national level with National Laboratories and international collaboration with University of California, Santa Cruz has been materialized.

Institute of Renewable Energy Technology & Management (IRETM) is one of its kinds in central India region to cover diverse issue of solar , wind, biomass, geothermal and other renewable sources through Vocation program under the National Skill Qualification Framework (NSQF) mission of UGC and NSDC. The teaching – learning, training and research in Solar Photovoltaic and Solar thermal is mandate of the department.

3. OBJECTIVE AND SCOPE

3.1 Both the institutions (PRSUR and CSIR-NPL) shall encourage cooperation between research groups, researchers and institute staff and their exchange visits for teaching and research. In this context, the conditions for exchange shall be established by specific arrangements between the respective school/departments. The overall objective of this MoU is enlisted below:

- I. The aim of the present agreement is to define the framework for common measures to be taken by CSIR-NPL and PRSUR in order to promote the exchange of persons, activities and experience in relevant fields of higher education and research.
- II. To promote academic and research cooperation between the two institutes for the enhancement of knowledge and vision.
- III. To foster the exchange of academic publications and scholarly information.
- IV. To participate in the other forms of cooperation which the two institutions may jointly arrange. Prior to implementation, each initiative in this category will require a formal agreement between the parties outlining all the detailed arrangements.
- V. Initially, the broad areas of common interest (or areas of cooperation) have been identified as follows:
 - a) Advanced Measurement Techniques & Metrology
 - b) Precision Measurement and Quality Control
 - c) Pulsed Laser Deposition of thin films and their luminescence
 - d) Design and development of Organic and Polymer Solar Cells ,
 - e) Development of novel inorganic/organic/perovskite materials for optoelectronics application.

- f) Nanoscale Measurements: Length & Frequency of lasers, surface texture and stepheight by optical profiler
- g) Optical Radiation Metrology
- h) Design, Fabrication and characterization of Perovskite Solar Cells
- i) Simulation, Modelling, fabrication and characterization of Organic and Polymer Light Emitting diodes
- j) Ultrafast Optoelectronics & Terahertz Photonics
- k) Internet of Things, Intelligent Systems, Cognitive Computing and Cyber Physical Systems
- l) Any relevant research topic in the field of Optoelectronics, Optical Communication, Laser Technology, Thin Film Technology of overlapping or mutual interest.
- m) The scope of the cooperation is wide open to other scientific fields of common interest of both the institutions.

3.2 As feasible, and contingent upon cognizant parent organization or departmental approval, the administrations of the two institutions agree to assist their respective faculty members in developing scholarly exchanges that may include a range of interactions such as research collaboration, specialized lectures, seminars and teaching or submission of joint research proposals.

3.3 Both parties must agree upon the specific terms of any inter-institution initiative relative to this agreement in written or electronically recorded correspondence at least three months prior to the initiation of a particular program or activity in order for the said initiative to proceed.

3.4 Each host institution, in the pre-visit agreement correspondence, will also coordinate support with the visiting institution for office space, library, laboratory and other privileges appropriate to the level and purpose of the visit, subject to the availability of resources.

4. STUDENT LEVEL INTERACTIONS/TRAINING/INTERNSHIP

Students of M.Tech. in Optoelectronics and Laser Technology, Bachelor of Vocation in Renewable Energy Technology & Management or other relevant programs from PRSUR may opt to work at CSIR-NPL for their student internship, training, project, dissertation or thesis provided they be provided with necessary infrastructural facilities and subsistence allowance as per applicable norms.

5. RESEARCH PROJECTS

5.1 Interested persons of either institution may initiate joint research projects subject to available funding, the Parties will encourage research centers of their

respective institutions to initiate and conduct collaborative projects consistent with the other terms and specifications of this agreement. Such joint research projects are to be the subject of definitive project agreements specific to each project and separate from this MOU.

5.2 The financial arrangement relating to each joint research project will be met in accordance with the specific agreement covering each project.

6. IMPLEMENTATION OF THE PROGRAMME

Both the institute acknowledges that the visits by research students/faculty members or Research Scientists from one institute to other shall comply with the regulations and policies of CSIR-NPL and PRSU.

7. INTELLECTUAL PROPERTY, INVENTIONS AND INNOVATIONS

The terms with respect to title to and exploitation of intellectual property (including trademarks and service marks, copyrights, patents designs and confidential information on the subject of such intellectual property, inventions and innovations) will be negotiated on a project-by-project basis in the specific research project agreements referred to in Article-5 and broadly governed by the IPR policy of both institutions.


Information on research results and scientific materials (reports, articles, books) will be exchanged freely keeping in mind the mutually agreed provision of Intellectual Property Rights. All Intellectual Property solely conceived and/or developed by NPL during the course of this Agreement shall be owned by NPL. All Intellectual Property solely conceived and/or developed by PRSU during the course of this Agreement shall be owned by PRSU. Intellectual Property jointly conceived and/or developed by NPL and PRSU will be jointly owned by NPL and PRSU. For purposes of this Agreement, the term "Intellectual Property" shall mean any and all works and property including, but not limited to, all intellectual properties, ideas, inventions, concepts, products, improvements, innovations, discoveries, developments, methods, formulas, techniques, software, knowhow and writings made, conceived, reduced to practice, developed, written, or prepared by a party, whether or not patentable or copyrightable and whether made solely by that party or jointly with other third parties. NPL and PRSU agree to collaborate towards the protection, if appropriate, and application of such Intellectual Property for commercial or other purposes on mutually acceptable terms to be negotiated in good faith between the parties.

8. Administration and General Provisions

- 7.1 This MoU shall have an initial duration of five years from the date of signature, unless either party gives a six-month notice of termination. This MoU may be extended further, in five-year increments, by mutual written agreement
- 7.2 Despite the statements and obligations expressed herein, this MoU is a nonbinding expression of the current intentions of the Parties, and neither Party will incur nor be bound to any legal obligations or expense here under to the other Party until and unless definitive agreements have been negotiated, approved by the necessary management levels of each Party and executed and delivered by authorized representatives of both Parties.

This MoU is signed subject to approval by the appropriate authorities on both sides.

For CSIR -National Physical
Laboratory New Delhi ,INDIA


12.2.21
Prof. Girish Kant Pandey
Registrar
Pt. Ravishankar Shukla University,
Raipur (C.G.) INDIA

Witness


Dr. Sanjay Tiwari
Coordinator, Institute of Renewable
Energy Technology & Management
Professor & Head S.O.S in Electronic
& Photonics
Pt. Ravishankar Shukla University,
Raipur

Date :

Date:

Dr. Sanjay Tiwari
Professor & Head
School of Studies in Electronics & Photonics
Pt. Ravishankar Shukla University, Raipur (C.G.)



MEMORANDUM OF UNDERSTANDING

BETWEEN

**INTERNATIONAL INSTITUTE OF WASTE
MANAGEMENT (IIWM)**

**No. 6, First Floor, Sankey Road, Lower Palace
Orchards, Sadashivnagar, Bangalore 560 003**

AND

**Institute of Renewable Energy Technology & Management
S.o.S in Electronics & Photonics
Pt. Ravishankar Shukla University
Amanaka G.E.Road Raipur(CG)
India - 492010**



The Institute of Renewable Energy Technology & Management and S.o.S in Electronics & Photonics Pt. Ravishankar Shukla University, Raipur hereinafter referred to as **Party-1, International Institute of Waste Management**, hereinafter referred to as Party-2, and collectively referred to as the Parties, and separately, the Party, have concluded this memorandum as follows:

General Provisions

1.1 By signing this memorandum, the Parties confirm that the interests of each of them correspond to joint and coordinated cooperation to support and develop scientific research and create industrial entrepreneurship, through an effort to foster "Lab to Land Research", within their competence and in accordance with the principle of legality, equality, and trust and scientific cooperation in the following areas:

- Creation of joint programmes and projects operating in accordance with applicable laws and guidelines of both the parties.
- Opening a Project Implementation Unit (PIU)/ Project Office at Pt. Ravishankar Shukla University to undertake the joint activities for the period of this MoA
- Carryout outreach programmes jointly supporting the Government Schemes and Programmes of the State of Chhattisgarh and India
- Solicit the participation of established industries and Voluntary organisations to partner in the above programmes

Other specific areas of cooperation are established and regulated by additional packages of contractual documentation of the Parties as per this 'Umbrella Framework Association'.

The subject of cooperation is also:

- The provision of consulting and intermediary services in order to meet the needs of third parties and their branches in the necessary activities and services;
- Mutually beneficial cooperation not prohibited by law.

Cooperation plans, specific transactions, completed projects or programs will be provided by the Protocols or Additional Agreements to this Memorandum

1.2 The parties undertake to carry out joint actions in the above field in order to realize common interests and achieve common goals.



The objectives of this Memorandum are as below:

1.2.1 To undertake activities and programmes on waste management, resource efficiency, circular economy, waste management entrepreneurship and climate change due to waste management

1.2.2 To conduct research on new and innovative areas on waste management, resource efficiency, circular economy, waste management entrepreneurship and climate change due to waste management

1.3 The parties shall carry out joint actions in manners and on the terms of this memorandum, as well as individual agreements as concluded by the parties.

1.4 In the process of achieving their goals and realizing common interests the parties undertake to build their relations on the basis of equal rights, honest and bona fide partnership, as well as protect the interest of each other.

1.5 To ensure the most rapid and effective achievement of goals, the parties undertake to exchange information at their disposal regarding the joint interests, as well as to conduct joint consultations, if necessary.

1.6 The parties undertake to take all necessary measures to preserve the confidential Information they received from each other in the process of cooperation, in accordance with the terms of this memorandum.

1.7 The specific types and forms of cooperation between the Parties, as well as the possible attraction of resources to achieve common goals and the realization of common interests, are agreed upon by the Parties separately, by concluding relevant treaties and agreements.

1.8 Income received as a result of joint activities and scientific cooperation of the Parties shall be distributed in each case according to a separate agreement of the Parties.

1.9 The Parties certify that this memorandum is not a preliminary agreement and does not impose on the Parties any legal obligations regarding the conclusion of any future agreements.



2. Validity of the Memorandum

2.1 This memorandum comes into force from the moment of its signing by the Parties and is valid until 2023 (hereinafter -the validity of the memorandum).

If, after the expiration of the validity period of this memorandum, the Parties continue to cooperate in accordance with the terms of this memorandum and within one month have not expressed a desire to terminate it, this memorandum shall be deemed continued on the same conditions and for the same period.

3. Procedure for Amending and Terminating the Memorandum

3.1 Changes, additions and termination of this memorandum are allowed by mutual agreement of the Parties, and in cases established by law or this memorandum; this memorandum may be terminated or terminated in another order.

Also, this memorandum can be terminated unilaterally at the initiative of one of the Parties by sending a written notice at least 30 days before the date of its termination.

3.2 Changes and additions to this memorandum are made out in a separate written agreement; if such a change or addition is carried out by mutual agreement of the Parties.

3.3 A document that amends this memorandum is signed by authorized representatives of the Parties.

4. Settlement of Disputes

4.1 All disagreements and disputes that may arise between the Parties in connection with the implementation of this memorandum are resolved through negotiations.

5. Force Majeure

5.1 The parties are exempted from liability for non-compliance or improper performance of the terms of this memorandum in the event of force majeure for the duration of such circumstances.

5.2 By force majeure circumstances the Parties understand: natural disaster (fire, flood, landslide, etc.), military operations, epidemics, strikes, embargoes, boycotts, decisions and actions of public authorities that impede the implementation of this memorandum



5.3 The fact of occurrence and termination of force majeure circumstances is certified by relevant documents, which, according to the current legislation of the Indian Government, are confirmation of such circumstances. The party for which force majeure circumstances have occurred must immediately inform the other Party in writing.

5.4 A Party that refers to force majeure as a reason for the improper performance of its obligations under this memorandum is released from liability for such improper performance of obligations only if the force majeure circumstances referred to by the Party arose after the conclusion of this memorandum, their occurrence was caused by events that are not dependent on the will of this Party, and this Party has taken all necessary actions in order to avoid or eliminate the negative consequences of such circumstances.

6. Confidentiality

6.1 Only those persons who are directly involved in the implementation of the memorandum can familiarize themselves with the provisions of this memorandum, documentation, information related to its implementation, other persons can access the provisions of this memorandum and other materials and information only in cases expressly provided for by applicable law.

6.2 The parties are responsible for ensuring the confidentiality of the documentation obtained in the execution of the memorandum, Information and the results obtained.

6.3 The terms of this memorandum and additional agreements and its annexes, all materials, documents, information related to the conclusion and execution of the memorandum, details of the Parties and mutual obligations of the Parties are confidential.

They cannot be transferred to third parties without the prior written consent of the other Party to the memorandum, unless the transfer is associated with the receipt of documents for the execution of this memorandum of the payment of taxes, other obligatory payments and in other cases stipulated by law that governs the obligations of the Parties to the memorandum.



6.4 To maintain confidentiality, the Parties are responsible both for their actions and for the actions of their representatives.

6.5 During the term of this memorandum, and also within 3 years after its termination, the Parties shall not be entitled to transfer to third parties or otherwise disclose confidential information obtained as a result of the execution of this memorandum, nor should they use such information in bad faith.

6.6 The party that violates confidentiality is liable to the other Party in the manner prescribed by law.

6.7 The transfer of confidential information to third parties is not considered a violation of confidentiality, unless the transfer of this information is a violation of the law.

7. Final Provisions

7.1 The Parties confirm that this memorandum contains all the essential conditions stipulated for memorandums of this type, and none of the Parties will refer in the future to failure to reach agreement on the essential conditions of the memorandum as grounds to consider it non-concluded or invalid.

7.2 The Parties confirm that if any condition of this memorandum becomes or becomes invalid due to non-compliance with the law, this condition will not be taken into account or the Parties will take measures to amend the memorandum to the extent that the memorandum is valid and retained in full intentions of the Parties.

7.3 After the signing of this memorandum, all preliminary negotiations on it, correspondence, preliminary agreements and protocols of intent on matters that somehow relate to this memorandum lose their legal force.

7.4 All legal relations arising in connection with the execution of this memorandum and not settled by it are regulated by the norms of the current legislation.

7.5 The parties have given each other consent to the processing, distribution and use of personal data contained in this memorandum, its annexes, acts concluded for its implementation, with a view to the proper implementation of the terms of this memorandum and in accordance with applicable law.



7.6 Access to third parties to personal data is provided only in cases expressly provided for by applicable law

7.7 The parties confirm that by signing this memorandum they are informed of the owner of the personal data, the composition and content of the collected personal data, the rights of the owner of the personal data and the persons to whom the specified personal data is transmitted.

7.8 This memorandum is drawn up in Duplicate, having the same Legal force, one for each Party.

Details and Signatures

Executive Director,
International Institute of Waste Management
6, (new 22), Sankey Road,
Lower Palace Orchards, Sadashivnagar
Bengaluru-560003

Witness

- 1.
- 2.
- 3.
- 4.


12.2.21
REGISTRAR
(Prof. Girish Kant Pandey)
Pt. Ravishankar Shukla University
RAIPUR (Chhattisgarh)

Registrar
Pt. Ravishankar Shukla University,
Amanaka G.E.Road Raipur (CG)
Chhattisgarh - 492010

Witness


1. Dr. Sanjay Tiwari

Coordinator, Institute of Renewable
Energy Technology & Management
Professor & Head S.O.S in Electronics
& Photonics
Pt. Ravishankar Shukla University,
Raipur

Dr. Sanjay Tiwari
Professor & Head
School of Studies in Electronics & Photonics
Pt. Ravishankar Shukla University, Raipur (C.G.)

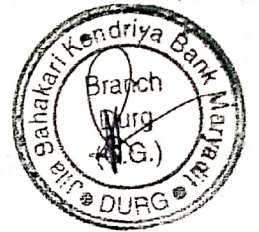
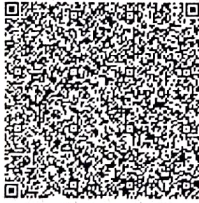


सत्यमेव जयते

INDIA NON JUDICIAL Government of Chhattisgarh

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First Party : RUNGTA INSTITUTIONS BHILAI AND RAIPUR
Second Party : PT RAVISHANKAR SHUKLA UNIVERSITY RAIPUR
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Stamp Duty Amount(Rs.) : 100
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-----Please write or type below this line-----

Memorandum of Understanding between

Rungta Group of Institutions, Bhilai - Raipur

And

Pt. Ravishankar Shukla University, Raipur

[Signature]
21.3.22

[Signature]

QT 0006840547

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.shreestamp.com' or using a Stamp Mobile App of Shree Holding.
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Memorandum of Understanding between


Rungta Group of Institutions, Bhilai - Raipur

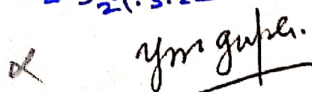
And

Pt. Ravishankar Shukla University, Raipur

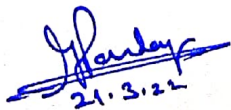
In the spirit of intellectual cooperation scholarly exchange, and development of National partnership with leading institutions, **Rungta Group of Institutions, Bhilai - Raipur** and **Pt. Ravishankar Shukla University (Centre for Basic Sciences)** agree to establish a program of exchange and collaboration on related matters of mutual interest that may emerge over time.

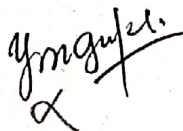
1. The purposes of the cooperation are to promote cooperative research and facilitate the exchange of ideas, the development of new knowledge, and to enhance high quality research acumen. The major thrust of the collaborative research will include the areas of technology transfer of mutual interest including and not limiting to Basic Sciences and Humanities. The modes of cooperation will include.
 - a) Exchanges of faculty and students for the purposes of research and teaching.
 - b) The development and implementation of cooperative research projects, professional development programs, and capacity-building efforts.
 - c) The dissemination of findings through scholarly publications, where papers, and in the media;
2. To achieve the goals of this cooperation, both parties will, as the means of each allow:
 - a) Promote institutional exchange by inviting faculty and students researchers of the partner institutions to participate in appropriate research activities;
 - b) Organize symposia, conferences, and meetings on timely research areas;


21.3.22



- c) Develop and carry out joint research programs;
 - d) Exchange information pertaining to the agreed-upon research areas.
3. Prior to the initiation of any particular project or activity, the specific terms of cooperation and exchange for that project will be discussed and agreed-upon in writing by the appropriate responsible representative of both institutions.
 4. Both parties understand that all financial arrangements for specific exchange activities must be mutually agreed-upon and will depend on the availability of funds. In addition, the scope of the activities will be subject to funds available at the institutions for the type of collaboration undertaken and any financial assistance that may be obtained by either from external sources.
 5. Either party may propose to the other specific individual research projects for collaboration. Such proposal may be made at any time and parties will develop an agreement for each agreed-upon project. The protection and exploitation of any intellectual property arising out of a research project will be addressed in each individual project agreement early on and ongoingly.
 6. Day to day implementation of this Agreement will be coordinated by **Dr. Manisha Agrawal** of the Rungta Group of Institutions, Bhilai – Raipur and **Director, Center for Basic Sciences of the Pt. Ravishankar Shukla University, Raipur.**
 7. The parties agree that in the course of implementing this MOU, they will not engage in unlawful discrimination on the grounds of race, gender, sexual orientation, age, religion, social class, national or ethnic origin or disability.
 8. Amendments to this MOU any be made at any time after consultation and agreement between the two institutions. Any such amendment must be writing and signed by both parties.


21.3.22


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9. This MOU will remain in force for a period of 05 (Five) years from the date it is fully executed. The MOU can also be suitably modified, as agreed to by both the parties, to reflect and increased scope, nature of engagement/activities including financial commitments, if any. Prior to the expiration date, the MOU may be reviewed for possible renewal. In addition, either party may terminate the MOU in advance of its normal expiration by providing the other with three months prior written notice. In the ease, persons already approved as exchange participants will be allowed to complete their exchange visit under conditions specified at the time of their invitation on the host institution.

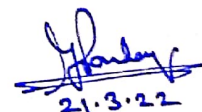
Rungta Group of institutions comprise of the following:

1. Rungta College of Engineering and Technology, Raipur
2. KD Rungta College of science and Technology, Raipur
3. Rungta College of Pharmaceuticals sciences and Research, Raipur
4. Rungta College of Engineering and Technology, Bhilai
5. GD Rungta College of science and Technology, Bhilai
6. Rungta College of Pharmaceuticals sciences and Research, Bhilai
7. Rungta Institute of Pharmaceuticals Education and Research, Bhilai

SO AGREED:



Director
Rungta Group of Institutions,
Bhilai - Raipur
Date :


21.3.22

Prof. Girish Kant Pandey
Registrar
Pt. Ravishankar Shukla University
Date:

REGISTRAR
Pt. Ravishankar Shukla University
RAIPUR (Chhattisgarh)