

Memorandum of Understanding (MoU)

Between



Dr. Bhimrao Ambedkar University
Agra-282001 UP, India

&



S. Chandra Mahila Mahavidyalaya Ashti,

Affiliated to

Gondwana University, Gadchiroli

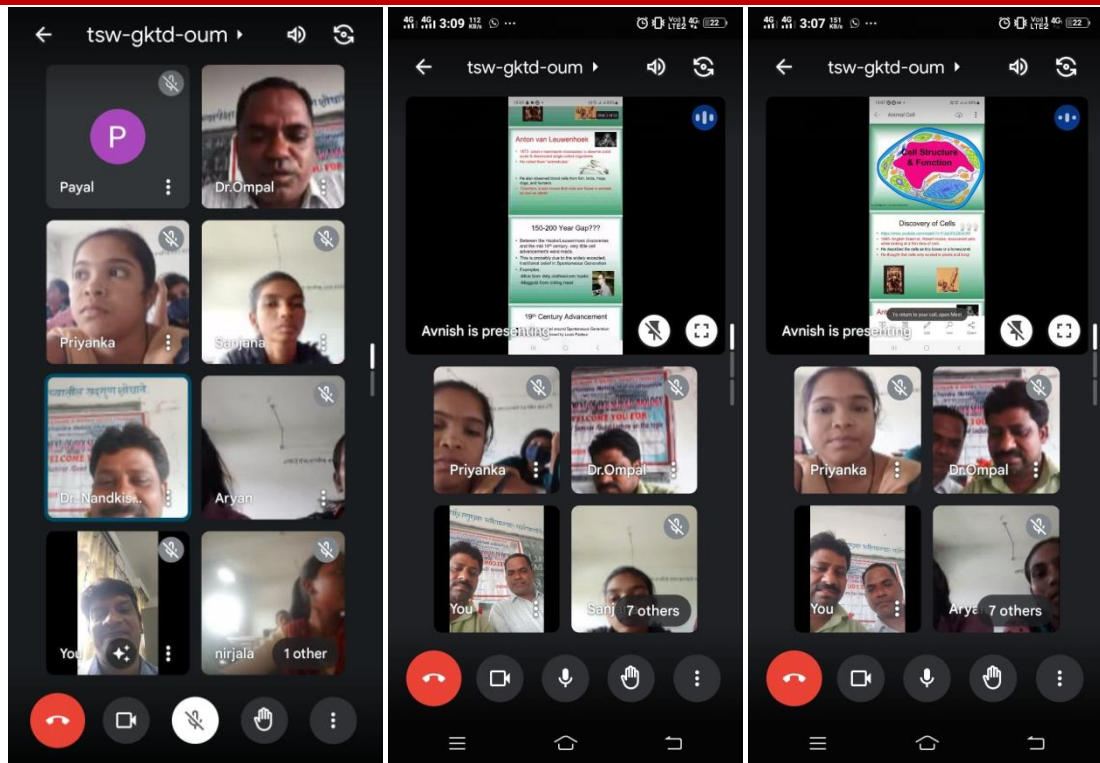
On

Academic and Research Collaboration

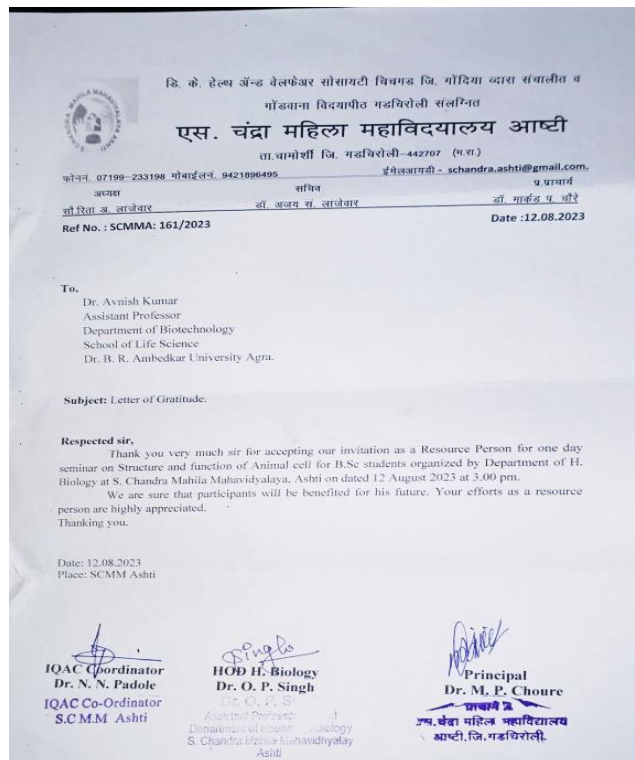
MoU of Dr. Bhimrao Ambedkar University with S. Chandra Mahila Mahavidyalaya Ashti, Affiliated to Gondwana University, Gadchiroli was signed on 19 June 2023.

Collaborative activities details are given below –

1. Seminar on structure and function of animal cell for B. Sc. Students organized by S. Chandra Mahila Mahavidyalaya Ashti. In which 316 students were participated Dr. Avnish kumar, department of Biotechnology was resource person for this seminar. Glimpses' of this seminar are given below with certificate.



Online lecture series organize at S. Chandra Mahila Mahavidyalaya Ashti on dated 12 Aug 2023



Certificate of Dr. Avnish kumar, department of Biotechnology as a resource person.

2. Research Collaboration – one research paper published with this collaboration

IRJMSH Vol 14 Issue 8 [Year 2023] ISSN 2277 – 9809 (Online) 2348–9359 (Print)

Studies on the Specific Medicinal Plants of District Gadchiroli, Maharashtra State: Ethno-medicinal Survey

O. P. Singh¹ and Avnish Kumar²

1. Department of Biology S. Chandra Mahila Mahavidyalay Ashti 442707, Dist. Gadchiroli, Maharashtra (India).

2. Department of Biotechnology, School of Life Sciences, Dr. Bhinrao Ambedkar University Agra-282004, U.P. (India).

Abstract

The native population of the district relies on ethnomedicinal herbs harvested from the forests of Gadchiroli, in the Indian state of Maharashtra. The research showed that several types of medicinal plants varieties are used to treat a wide range of ailment. The diversity of medicinal plants used in traditional medicine makes the ethnomedicinal knowledge of the Gadchiroli valley highly intriguing. However, information may be lost due to insufficient storage and the oral nature of most transmissions of expertise. These 20 ethnomedicinal plants have been utilized to treat a wide range of human ailments, botanical name, family, and function. The Gond people of the Gadchiroli forest have long relied on a number of plants for food and medicine.

Introduction

The natural plant species in the district's forest are crucial to both the preservation of human life's ethnomedicinal history and its current state. The wide variety of plants and the associated knowledge of how to employ them in herbal therapy are crucial to the survival of traditional medicine across the world [WHO, 2013]. Many different cultural groups rely heavily on these healing herbs to be healthy and happy [Beltreschi et al., 2018; Krishnasis & Suraj, 2019; Noorhosseini et al., 2020]. Traditional medicine's popularity has grown [Haque et al., 2018] because of the continuing severe economic realities in most rural communities and the lack of access to contemporary care (Ndilovu et al., 2021; Adeogun et al., 2014; Nalumansi et al., 2014). Researchers have also started paying more attention to the traditional usage of medicinal plants in rural communities to treat common illnesses. The plants are important to the health of the people living in this area. Many different kinds of native plants, shrubs, and trees are used for their therapeutic characteristics by the people. Users of medicinal plants attest to their efficacy in treating a wide variety of conditions. This study focuses on the 20 plant species that are used as folk medicine by various ethnic groups in the little regions of the Gadchiroli district and the talukas of Gadchiroli, Dhanora, Chamorshi, Korchl, Kurkheda, and Armori (Figure 1). The area is named for its primary river, the Wainganga.

The landscape is steep and undulating. For the most portion of the year, the climate is consistently hot and dry. Typically, highs are about 45-46°C and lows are around 13-10°C. In the summer, temperatures reached 46.5 degrees Celsius, while in the winter, they dropped to 7 degrees Celsius. The average annual rainfall is calculated to be 1976 mm. This area is covered with dense forest,

International Research Journal of Management Sociology & Humanity (IRJMSH) Page 372

www.irjmsh.com

Research paper Front page

3. Carrier Counselling by Dr. O.P. Singh , Head of Department of Biology, S. Chandra Mahila Mahavidyalaya Ashti in Department of Biotechnology , SLS, Khandari.



Lecture on "Career and Scope of Biotechnology" given by Dr. O. P Singh, Head Department of H. Biology, S. Chandra Mahila Mahavidyalaya Ashti to the Students of Department of Biotechnology SLS DBRAU Agra

Memorandum of Understanding (MoU)

Between

Dr. Bhimrao Ambedkar University Agra-282004 UP, India

**(Department of Biotechnology, Physics, Botany, Biochemistry, Zoology,
Environmental Studies and Microbiology)**

&

**S. Chandra Mahila Mahavidyalaya Ashti, Affiliated to Gondwana University,
Gadchiroli**

Department of Biotechnology, Physics, Botany, Biochemistry, Zoology, Environmental Studies and Microbiology of School of Life Sciences, Dr. Bhimrao Ambedkar University Agra and Department of Physics and Department of Biology, S. Chandra Mahila Mahavidyalaya Ashti, Affiliated to Gondwana University, Gadchiroli have agreed to collaborate on academic and research related activities with the following general provisions and terms

Preamble

WHEREAS, Dr. Bhimrao Ambedkar University Agra (herein after referred as DBRAU and S. Chandra Mahila Mahavidyalaya Ashti, Affiliated to Gondwana University, Gadchiroli (hereinafter referred as SCMMA) have many areas of common interest in Life Sciences, considerable advantage may be gained from their pursuit on a collaborative basis in the fields of academics, education and research. Hence DBRAU and SCMMA have decide to enter in this Memorandum of understanding (hereinafter referred to as MoU), which defines the framework for the cooperation of the two organization set out in the following sections

1.0 Scope

The scope of collaboration on academic and research activities under this MoU includes the following

1. Deputation of Professor, research personnel and/or students for the purposes of teaching, research, coursework, or programme development. Each exchange activity shall be approved in advance in writing by both organizations.
2. Exchange of publications, scientific materials, scholarly papers, and research information available for circulations;
3. Development of collaborative research programs.
4. Joint publications, meetings, seminars and conferences.
5. Access to each other's laboratories, research facilities and libraries as may be necessary to fulfil the spirit and intent of the forgoing purposes;

6. Internship and Institute visits of **DBRAU Agra** students at **SCMM Ashti**.
7. CSR (Corporate Social Responsibility) activities of **SCMM Ashti** and **DBRAU Agra**:
8. **SCMM Ashti** may offer **DBRAU Agra** students to work on research problems with mutual consent. According both organization will find potential departments/potential researchers with required expertise to make MoU more realistic.

2.0 Implementation

To implement this MoU, the following is mutually understood and agreed:

- Two nominees from each organization will constitute a Joint Coordinating committee to oversee collaboration between the two parties
- Each institution will nominate one of its expert members as its representative in charge of any cooperative program on each identified thematic area.
- Proposal for collaborative work under this memorandum will be submitted through the normal procedures of each institution
- Individual programs of work developed under this Memorandum will be the subject of individual agreements in writing and where appropriate will be jointly developed and executed by the nominees of both parties
- Each party will ensure appropriate protection of Intellectual Property Rights generated from cooperation pursuant to MoU consistent with laws, rules and regulations of India
- Progress of work of any individual program will be reviewed and approved by designated project officers of both parties, in accordance with its individual agreement.
- The final approval of any project will depend on the availability of the guaranteed support funds.
- Neither **DBRAU** nor **SCMM** will be held responsible for any liability and neither party shall be required to purchase any insurance against loss or damage to any personal property to which this MoU relates.

3.0 Intellectual Property Rights (IPR)

The parties may sign an Intellectual Properties Rights (IPR) document in order to secure rights when it comes to results and publication.

4.0 Commencement, renewal, termination and amendment

This MoU is effective as of the date of execution by the later of the appropriate officers of each signatory institution/organization to sign. **This MoU shall remain in force for a period of five (05) years from the date of signing**, with the understanding that it may be terminated by either party giving at least six months' notice to the other party. This MoU may be amended or extended by mutual consent in writing of the two parties. In case of any dispute in future, the jurisdiction will be in the city of Agra in Uttar Pradesh, India.

In WITNESS WHEREOF the undersigned, duly authorized thereto have signed this Memorandum of Understanding.

Done at Dr. Bhimrao Ambedkar University, Agra on thein two originals.

[Signature]
Principal (Offl.) IQAC Coordinator IQAC Member
HOD-Physics HOD-Physics
Off. Principal IOAC Co-Ordinator Assistant Professor & Head
S.Chandra Mahila Mahavidyalaya SCMM Ashi Department of Household Biology,
Ashti Dist. Gadchiroli S.Chandra Mahila Mahavidyalaya, Ashi

[Signature]
Dean
School of Life Sciences,
Dr. Bhimrao Ambedkar University,
Agra Faculty of Life Science
Dr. Bhimrao Ambedkar University, Agra

[Signature]
19.6.23
Prof. Bindu Shekhar Sharma
Head
Physics Department
Institute of Basic Sciences
Dr. Bhimrao Ambedkar University
Khandari Campus, Agra (U.P.)-India

[Signature]
19.6.23
(Dr. Ashutosh Dwivedi)
Physics Department
Institute of Basic Sciences
Khandari, Agra

[Signature]
Registrar
Dr. B.R. Ambedkar University, Agra

Witnesses: MoU signed in the presence of following two persons.

Witness 1

Name and Signature

Neha S. Wasnik
wasnik

Prof. Neha Wasnik, Assistant Professor, Department of Chemistry, SCMM Ashti.

Munika
(Dr. Monika Asthana)

Department of Biotechnology,
School of Life Sciences,
Dr. Bhimrao Ambedkar University,
Khandari Campus, Agra

Witness 2

Name and Signature

Roshan R. Ukey
Ukey

Mr. Roshan Ukey, SCMM, Ashti.

Mu
(Dr. Armita Kumar)
Department of Biotechnology,
School of Life Sciences,
Dr. Bhimrao Ambedkar University,
Khandari Campus, Agra