

Ministry of AYUSH  
National Medicinal Plants Board (NMPB)  
Regional-cum-Facilitation centre Northern Region



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Research Institute in Indian Systems of Medicine (RIISM)  
Joginder Nagar-175015 District Mandi HP  
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No: RCFCNR-1(07)- 204-209

Dated: 3<sup>rd</sup> August , 2021

To

Prof. Raju. L  
Director -cum-Principal, Govt Pharmacy College  
Bagshaid, Distt. Mandi, H.P.

**Subject: MOU for Medicinal Plant work & Herbal Teas**

Sir,

In a stakeholder Meet organized by RCFC NR 1, Jogindernagar at Bilaspur on 6<sup>th</sup> March 2021, a Aparajita SHG of Thunag. The Pardhan of the SHG, Smt. Soma Devi installed an exhibition in this event. Apart from the other exhibits of Medicinal Plants in the exhibition, she mainly focused on a herbal recipe "Seraji Herbal Tea", a name given by this group. It was in dried semi-powder form of the different wild Herbs collected from Thunag area. The main ingredients of the formulation are: *Rakhal, Banfasa, Jangli Ajwayan, Bicchu Buti, Tej Patta, Dori Patta, Podina*. During interaction, Shm. Soma Devi requested RCFC NR 1 to help her in identification of medicinal Plants she is using in herbal tea & support her to go ahead in this matter.

Smt. Soma Devi to give sample of tea to yourself as your college is quite near to her working location to analyze the Phyto-contents of the ingredients and also to study the safety aspect for human consumption. In our initial discussions with your good self and the visit of undersigned in Thunag dated 29<sup>th</sup> July 2021 it was revealed that Rakhal needles or other parts of plant are not safe for direct human consumption on account the poison effects. Based on the analysis of the ingredients of the proposed tea, we appreciate your recommendations that the formulation so prepared by Mrs Soma Devi needs to be revised.

Sir, As you come from a family of tea gardeners & have sufficient experience in tea formation in addition to your professional qualification, you are the best person to

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assist the Group in the matter. It was also discussed with BDO, Janjheli in his office how to take this matter further. In this meeting it was also decided that efforts may be put to bring this activity under CM startup scheme and may be referred to the Incubation Centre of at RCFC/RIISM notified by Department of Industry, HP Govt. In view of the above, the following action plan is proposed:

- 1 Revised Herbal infusion formation shall be shared with Mrs. Soma Devi
- 2 If the product is to be brought under Ayurveda licensing protocol, clinical trials & testing can be done at Regional Research center CCRAS Ministry AYUSH at Pandoh (Mandi)
- 3 To explore the Herbal wealth of Siraj valley, Govt College Pharmacy, Bagshaid will initiate efforts/projects with NMPB/DST & other organizations.
- 4 The college & RCFC NR-I shall sign MOU 1<sup>st</sup> take survey, documentation & validation work of traditional medicine, medicinal plants further RCFC shall provide all technical help & recommend project for funding.
- 5 Principal, G.P. College was requested to apply for incubation center under CM Startup scheme at Jogindernagar, so, that practical work can be done together through women & youth of Siraj area. Pharmacy College has lot of other scopes to work together in this area.
- 6 The MOU discussed and agreed by you is sent back to you, please send back us the signed copy.



Regional Director

Encl: MOU Copy

CC:

1. The CEO NMPB
2. The Director Ayurveda
3. The Director Industries
4. The BDO Janjheli

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# Memorandum of Understanding

Between

Government Pharmacy College-Seraj, And

RCFC NR-1 NMPB Ministry AYUSH,

JOGINDER NAGAR, HIMACHAL PRADESH, INDIA

Government Pharmacy College-Seraj and RCFC NR-1, Research Institute in Indian System of Medicine, Jogindernagar agree that cooperation in research collaborations, student and faculty exchanges would be mutually beneficial. The areas of cooperation may include, subject to mutual consent, any desirable and feasible activity that would encourage the goals of each institution.

Where As

## **ARTICLE-I: SCOPE OF THE MOU**

This MoU details the modalities and general conditions regarding collaboration between Government Pharmacy College-Seraj and The RCFC NR-1, Research Institute in Indian System of Medicine, Joginder Nagar for enhancing, co-operation and collaboration of highly qualified manpower in the areas of Herbal Exploration (Medicinal and Aromatic Plants) and Herbal Formulation Research without any prejudice to the prevailing rules and regulations. The areas of co-operation shall be extended through mutual consent between the institutes. The goal is to foster collaboration, provide opportunity for global experience, to facilitate advancement of knowledge on the basis of reciprocity, best effort, mutual benefit, and frequent Interactions.

## **ARTICLE-II: SCOPE AND TERMS OF INTERACTIONS**

Both the institutes shall encourage interactions among the Scientists, Research fellows, Faculty members and Students of both the organizations through the following arrangements:

1. Exploration and evaluation of medicinal and aromatic plants of the selected regions. Focus on Seraj Valley of district Mandi, Himachal Pradesh.
2. Development of Herbal and Ayurveda formulations/Herbal Gardens
3. Isolation, purification and identification of Phytoconstituents for health benefits.
4. Exchange and sharing of materials and expertise.
5. Patenting, sharing and protection of IPRs.
6. Exploration of the Nutraceuticals, healthcare and wellness potentials of medicinal and aromatic plants of Himachal Pradesh.
7. Undertaking joint R&D projects to develop novel healthcare and wellness formulations.
8. Establishment of pilot plants
9. Organising conferences and seminars with mutual consent on selected topics.
10. Research supervisors from both the organization will be the corresponding authors in any publication resulting from the collaborative work. All the

efforts put by the student/s as a part of this MoU will be accounted for by way of reporting the work in thesis and/or paper publication except the part for which IPR needs be claimed.

11. Neither of the supervisors will publish the work carried out under this MoU without knowledge of the other of agreed joint projects.
12. In any of the activities mentioned above, wherever financial aspects are involved, amount, payment conditions, etc. would be spelt out clearly before starting the activity.
13. Shall prepare and submit joint Project Proposals to various Government Departments.
14. Collaborations for exchange/validation of R&D work for Collaboration innovations on Inbatees.

### **ARTICLE-III: SHARING OF FACILITIES**

1. Both the institutes shall make provisions to share their respective important R&D facilities in order to promote academic and research interaction in the areas of co-operation.
2. Both the institutes shall permit the sharing of Labs and other materials and components developed in-house in the areas of co-operation, if permissible within the rules governing the two institutions. However, responsibility for safety and other materials during the exchange will rest on respective Head of academic department/section.
3. Both the institutes shall provide access to the library facilities to scientists, members of faculty and students as per the prevailing rules and norms in the respective institutes.

### **ARTICLE-IV: CO-ORDINATION OF THE PROGRAMME INCLUDING FINANCIAL ARRANGEMENTS**

1. The collaborative programme between the institutes shall be coordinated by a coordination committee appointed by heads of both the organization.
2. Financial arrangements for each specific collaboration will be decided on a case-to-case basis and brought on record in each case after due approval from heads of both the Institutions.

### **ARTICLE-V: EFFECTIVE DATE AND DURATION OF MoU**

1. This MoU shall be effective from the date of its approval by competent authorities at both ends.
2. The duration of the MoU shall be for a period of 5 years from the effective date.
3. During its tenancy, the MoU may be extended or terminated by a prior notice of not less than six months by either party. However, termination of the MoU will not in any manner affect the interests of the students/faculty/scientists
4. Any clause or article of the MoU may be modified or amended by mutual agreement between the institutes.



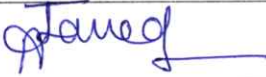
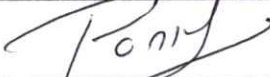
**ARTICLE-VI: IPR**

Rights regarding publications, patents, royalty, ownership of software/design/product developed etc. under the scope of this MoU, shall be decided by the two parties by mutual consent.

**ARTICLE-VII: CONFIDENTIALITY**

1. During the tenure of the MoU both institutes will maintain strict confidentiality and prevent disclosure of all the information and data exchanged under the scope of this MoU for any purpose other than in accordance with this MoU.
2. Both institutes shall bind their respective personnel who come into possession or knowledge of any confidential information not to disclose the same to third parties without written approval of the disclosing party or use such confidential information for any use other than intended under this agreement or projects.
3. Further both institutes shall put in place adequate and reasonable measures to keep and store confidential information secure so as to prevent any unauthorized use.

**CONFIDENTIAL INFORMATION** shall mean any proprietary information, data or facts belonging to parties collectively or severally, disclosed by the disclosing party under this agreement or any subsequent agreement, whether in writing, verbal or electronically, irrespective of the medium in which such information is stored, which is marked confidential or with any other words having similar meaning by the disclosing party, or specifically agreed to be kept confidential by the parties, or declared or identified so by the disclosing party before such disclosure or during the discussions.

For Government Pharmacy College Seraj, Mandi (H.P.)-175035	For RCFC NR-1 NMPB Ministry Ayush, Research Institute in ISM, Joginder Nagar, Himachal Pradesh, India
By Name: Prof. Raju. L Designation: Director cum principal Government Pharmacy College Seraj, Mandi(H.P.) Dated : 02/07/2021	By Name : Dr. Arun Chandan Designation: Regional Director, RCFC NR-1 NMPB Research Institute in ISM, Joginder Nagar (H.P.) India. Dated : 02/07/2021
	
<b>WITNESS 1</b>	<b>WITNESS 2</b>
By Name : Dr. Athar Javed Designation : Associate Professor (Pharmacy) Government Pharmacy College Seraj, Mandi (H.P.) Dated : 02/07/2021	By Name : Dr. Pankaj Sharma Designation : Assistant Professor (Pharmacy) Government Pharmacy College Seraj, Mandi (H.P.) Dated : 02/07/2021
	

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