

## Raw Drug Repositories (National & Regional)

National Medicinal Plant Board (NMPB), Ministry of AYUSH augmented the process for the establishment of a National Raw Drug Repository (NRDR) and Regional Raw Drug Repositories (RRDR) in the country for multi-dimensional referral centre of medicinal plants and raw drugs (plants, animals and mineral/metal origin) used in Ayurveda, Unani, Siddha and Homoeopathic systems of Medicine.

### Key Objectives

The National and the Regional Raw Drug Repositories are dedicated facilities of (a) Herbarium, (b) Raw Drug Museum (c) Reference Standards (d) Quality Control Laboratory and (e) Documentation & Training. The activities in the repository are focused on the following deliverables for stakeholders :

- i. **To act as accredited reference repository for authenticated raw drugs** (plants, animals and mineral/metal origin) of AYUSH system.
- ii. **Collection and preservation of medicinal plants species / animal and minerals/ metals origin drugs** (irrespective of parts used as medicinal). Preserving herbarium specimen and raw drug samples with complete passport data for future reference and display in museum.
- iii. **Collection, compilation, cataloging and documentation (including digitization) of information on collected raw drugs** used in the Ayurveda, Siddha, Unani and Homoeopathic systems of Medicine (ASU&H) and preparation of comprehensive monographs thereof.
- iv. **Digital Data Base** : Medicinal plants and their officinal parts identification, named interrelate, and in detailed studies of particular groups of plants how they differ from each other.
- v. **Certified Reference Standards** : Development of Certified Reference Standards and authenticated raw drug reference samples/standards and their availability for the stakeholders on demand and cost basis.
- vi. **Development and publication of manuals for identifications of collected raw drugs.**
- vii. **‘Centre for Quality Certification’ of raw drugs** : Testing/ Analysis of raw drugs/ Ayush formulations for quality assessment as per

regulatory/pharmacopoeial standards viz. identification, physico-chemical, phyto-chemical, heavy metals, pesticidal residue, microbial loads, aflatoxins etc.

- viii. **Sharing/depositing one herbarium specimen and sample of each drug to National Raw Drug Repository, Jhansi, UP** and also to National Medicinal Plants Board (NMPB), New Delhi.
- ix. **Market surveillance and monitoring** on availability of raw drug material in trade .
- x. **Information dissemination awareness** and training /Capacity building to stakeholders in field concerned in a year.
- xi. **Other core area activities** specific to respective agro climatic zones

#### NRDR & RRDRs Network

All Indian States and Union Territories based on agro-climatic similarities and logistic considerations are grouped in regions for establishment of eight Regional Raw Drug Repositories (RRDR). National Raw Drug Repository (NRDR) is also established linked with all the Raw Drug Repositories. Details of Raw Drug Repositories (RDRs) are as follows:

Set up of NRDR & RRDRs			
S.No.	Regions and State/ Union Territories covered	Participating Ayush Institution(s) and contact details	Year of Establishment
1	<b>National Raw Drug Repository (NRDR)</b> All State/ Union Territories are covered	<b>Central Ayurveda Research Institute,</b> Central Council for Research in Ayurvedic Sciences, Gwalior Road, Jhansi – 284003, Uttar Pradesh	19.02.2019
2	<b>RRDR-Gangetic Plain Region</b> Uttar Pradesh, Bihar, West Bengal	<b>Pharmacopoeia Commission for Indian Medicine &amp; Homoeopathy (PCIM&amp;H),</b> Sector 23, Kamla Nehru Nagar, Post Kavinagar, Ghaziabad - 201002, Uttar Pradesh	24.05.2021
3	<b>RRDR-Trans-Ganga Plain Region</b> Haryana, Chandigarh, Delhi, Punjab	<b>All India Institute of Ayurveda,</b> Mathura Road, Gautampuri, Sarita Vihar, New Delhi-110076	27.02.2020

4	<b>RRDR-Southern Plateau Region</b> Karnataka, Andhra Pradesh, Andaman, Puddcherry, Tamil Nadu, Telangana	<b>National Institute of Siddha</b> (An Autonomous body under the Ministry of AYUSH) Govt. of India. Tambaram Sanatorium, Chennai – 600 047, Tamil Nadu as lead institute along with Siddha Central Research Institute (SCRI) of CCRS and Regional Research Institute of Unani Medicine (RRIUM)	28.02.2020
5	<b>RRDR-Western Dry Region</b> Gujarat, Rajasthan	<b>National Institute of Ayurveda (NIA),</b> Jorawar Singh Gate, Madhav Vilas Palace, Amer Road, Jaipur-302002, Rajasthan	28.02.2020
6	<b>RRDR-Western Himalayan Region</b> Jammu & Kashmir, Himachal Pradesh, Uttarakhand	Yet to be established	-
7	<b>RRDR-Eastern Himalayan Region</b> Arunachal Pradesh, Assam, Sikkim, Meghalaya, Nagaland, Manipur, Mizoram, Tripura	Yet to be established	-
8	<b>RRDR-Eastern Plateau Region</b> Jharkhand, Orissa, Chhatishgarh, Madhya Pradesh	Yet to be established	-
9	<b>RRDR-Western Coastal Plain Region</b> Kerala, Maharashtra, Goa, Daman & Diu, Lakhadweep	Yet to be established	-

## RRDR & NRDR REGIONS

