



THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
OFFICE OF THE DIRECTOR OF AYUSH/ CEO, STATE MEDICINAL PLANT BOARD
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Subject:- Submission of Proposals from Institutions for Research and Development of Medicinal Plant sector in Ladakh region

RENOTIFICATION

Since the State Medicinal Plant Board has not received any proposals for the subject cited above. Therefore, the State Medicinal Plant Board, Union Territory of Ladakh is re-notifying and inviting proposals for research and development in the medicinal plant sector of Ladakh on behalf of the National Medicinal Plant Board, Ministry of AYUSH, New Delhi, so that strategic research in critical areas is assigned to competent organizations/scientific professionals.

Eligible organisations for the proposal:

1. R&D institution under CSIR, ICAR, ICFRE, ICMR, DBT, DST, Councils of Department of AYUSH etc.
2. Universities recognised by UGC.
3. Industry both in public as well and private sector with R&D facilities.
4. Non-government organizations/ voluntary Organisations with demonstrated expertise and infrastructure
5. Government funded instates / colleges with demonstrable track record infrastructure and expertise.

The National Medicinal Plant Board shall give financial assistance to Research and Technology Development in the following areas which will be supported in project mode:

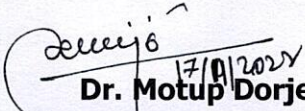
1. Traceability of raw drugs from harvest to consumption level.
2. Germination and seed treatment protocols and certification.
3. Bio-prospecting, population assessments and conservation biology of Medicinal plants and Medicinal Aromatic Species (MASs).
4. Collection, compilation, documentation, validation and digitization of published scientific information on various aspects of selected Medicinal plants and their ASU & H formulations and preparations of comprehensive monographs thereof.
5. Identification of substitutes/adulterants for traded medicinal plants using phamacognostic, pharmacological and molecular parameters for their inclusion in pharmacopoeia.
6. Finding substitutes for RET listed medical plants and finding use of sustainable alternative plants parts.
7. Research aimed at lowering cost of cultivation and production of extracts, phytochemicals, natural colors, flavors and fragrances by using latest R&D technologies.
8. Bio-activity Guided Fractionation.
9. Development of DNA barcoding, spectrometry HPLC methods etc. for Phyto-constituents (preferably the bio-actives / marker compounds) and validation of these methods.

10. Study of Phyto-chemical variation's within available genotypes, chemotypes, ecotypes etc., development of post-harvest treatment, search for elite quality germplasm and development of quality planting material for mass scale propagation.
11. Establishment of quality standards in respect of norms related to toxicity and heavy metal content to increase acceptability of botanicals in the international market,
12. The impact of invasive species on habitats of native medicinal plants and foreign matter on the safety and efficacy of medicinal plants including MASs in their habitats.
13. Development of Bio-technological Techniques (BT) & Information Technology (IT) based tools applications related to Medicinal Plants.
14. Ethno-medicinal documentation and exploration.
15. Marketing, econometrics policies/ regulatory issues related to Medicinal Plants.
16. Establishing National and regional raw drug repositories for references.
17. Study the impact of environmental changes like global warming and topographical variations in medicinal plants.
18. Setting up of national and regional Botanical Reference Standards (BRS).
19. Development of improved planting materials, germ plasm bank, development of improved cultivars / variety etc.
20. Development of Argo-techniques of selected medicinal plants.
21. Any other emerging issues of suggestions rendered by SFC.

(b) M-Phil / Ph.D. / Post-Doctoral Fellowship programme on subjects related to medicinal plants through various Educational / Research Institutions in the country, will be supported. Applications will be screened by the Project Screening Committee of NMPB, which will also finalise the emoluments based on prevailing arrangements in other similar Institutions. NMPB will also engage directly a limited number of JRF/SRF/ Research Assistants, etc. upon five) as per UGC / DST norms for specific projects while allowing them to enroll in academic institution to pursue doctoral / other studies. The engagement and emoluments will be finalized by Project Screening Committee on research and bring this to the notice of SFC.

Furthermore, it is also to notify that the National Medicinal Plant Board, Ministry of AYUSH, Government of India, New Delhi will provide 100% assistance financial for Research and Development Institutions / Universities in the public sector /Government Aided colleges etc. However organisations / Universities/ laboratories/ Institutions in private sector will be eligible for 50% of assistance.

The proposals will go through scrutiny by Project Screening Committee (PSC) before the approval by Standing Finance Committee (SFC) of National Medicinal Plant Board, New Delhi.


Dr. Motup Dorje
 Chief Executive Officer/ Member Secretary
 State Medicinal Plant Board
 Union Territory of Ladakh

NO: DA/SMPB/UTL/2022/ 438-444

Date: 17 /11/2022

Copy to:-

1. Chief Executive Officer, National Medicinal Plant Board, New Delhi for kind information.
2. Director, NIC, Union Territory of Ladakh for kind information with a request to kindly upload the Notification on UT website wide publicity.
3. Joint Director, Information, Union Territory of Ladakh, for kind information with a request to give wide publicity.
4. District Information Officer, Leh and Kargil for information with a request to kindly advertise in two Local newspapers for publicity.
5. OSD to Hon'ble Lt. Governor for the kind information of Hon'ble Lt Governor.
6. OSD to Principle Secretary, Health and Medical Education Department UT Ladakh for kind information to the Principle Secretary
7. P.S. to Advisor with Hon'ble Lt. Governor, UT Ladakh for kind information of the Advisor.