

## Organizing Committee

### Chairperson

**Dr. Achintya Mitra**  
Assistant Director In-charge  
Mobile No. 9836727927

### Co-Chairperson

**Dr. Gajendra Rao**  
Research Officer (Bot.)  
Mobile No. 9423051622

### Convener

**Dr. Deepshikha Arya**  
Research Officer (Bot.)  
Mobile No. 9456321176

### Organizing Secretary

**Dr. Tarun Kumar**  
Research Officer  
(Ay.)  
Mobile No. 9990167451

### Joint Secretary

**Dr. L.M.S Noyal**  
Research Assistant  
(Farm)  
Mobile No. 9412105013

## Sub-Committees

### Registration & Reception Committee

(Convener: Sh. Ashok Kumar, Staff Nurse, Mob: 7733996963)

### Technical Committee

(Convener: Dr. Aishwarya K., R. O. (Ay.), Mob: 7827784326)

### Stage Committee

(Convener: Smt.Kirti Kumari, R. A. (Bot.), Mob: 9792516113)

### Accommodation & Transport Committee

(Convener: Sh. Vinod Choudhary, M.T.S., Mob: 8650286625)

### Food & Hospitality Committee

(Convener: Sh. Abhishek Shahi, L.D.C., Mob: 9452598726)

### Media Publicity & Social Media Committee

(Convener: Shri Vinod Nikhurpa, M.T.S., Mob: 8449707502)

## Contact Details

Email: [rrihf-tarikhet@gov.in](mailto:rrihf-tarikhet@gov.in)  
[rrihf.tarikhet@gmail.com](mailto:rrihf.tarikhet@gmail.com)

Registration is complimentary but mandatory for National Seminar  
Registration Link: <https://forms.gle/J7ZdvPY46yNrKGXq8>



## Registration details

1. Participation is free of cost but prior registration is mandatory before 20.06.2023.
2. To register kindly fill the Google registration form.
3. Maximum Number of participants : 50
4. No TA/DA and accommodation will be provided to the participants by the Institute. If needed guidance will be provided for the accommodation.
5. Certificates will be awarded to the participants after successful completion of the programme.
6. Full attendance is mandatory for obtaining participation certificate.

### Who can apply (Eligibility)

Doctors/Scientists/Faculties/ Research Scholars/  
P.G. Students

## Venue

*CCRAS - Regional Ayurveda Research  
Institute (RARI), Thapla, Ranikhet*



## NATIONAL SEMINAR

ON

**IMPORTANCE AND CHALLENGES  
OF KASTURI (MUSK) IN  
AYURVEDIC PHARMACEUTICS**

UNDER

**GOLDEN JUBILEE CELEBRATION  
OF  
MUSK DEER RESEARCH CENTRE**

**DATE: 25.06.2023**



**Organized by**

**CCRAS- Regional Ayurveda Research  
Institute (RARI), Ranikhet  
(NABH certified Ayush Entry Level  
Centre for Ayurveda Services)  
P.O. Ganiadhali (Ranikhet) - 263 645  
Dist. Almora, Uttarakhand**

## GOLDEN JUBILEE CELEBRATION OF MUSK DEER RESEARCH CENTRE, MAHROORI, BAGESHWAR, UTTRAKHAND

*Musk is being used as medicine in Ayurveda and other indigenous systems of medicine in India since time of immemorial. Musk is extracted from the sac (musk pod) of the male musk deer (Moschus moschiferus L.) which is recognized as one of the important therapeutic ingredients in some life saving drugs. It is also known for cardio tonic and aphrodisiac properties. In the global market, it is more recognized for its fragrance and for flavoring costly wine, beverages, etc. Due to illegal poaching and killing of both male and females musk deer (State Animal of Uttarakhand) due to its high demand, the species is at verge of extinction. Therefore, the then Ministry of Health and Family (ISM), now Ministry of AYUSH in the year 1971-72 (Vide File No.32-27/12-CCRIMH/ADMN. O.O.No.488/72 13<sup>th</sup> June 1972) decided to establish Musk Deer Research Center under Regional Ayurveda Research Institute, Ranikhet at Mahroori village (7320 ft a.s.l. Lat.- 29.856937 Long.- 80.010347) of Bageshwar district, Uttarakhand . After continued attempts by CCRAS, the then Chief Wild Life Warden U.P. issued the permission on 18<sup>th</sup> May 1974 (reference letter no.6179/23-2-12) to collect ten musk deers from the wild for captive breeding and first musk deer was captured on 18<sup>th</sup> June 1974. The Aim was to breed this animal in captivity and find out non-invasive technique to collect musk, so that sustainable supply of musk in due course can be achieved for use for the preparation of medicines.*

## Activities of Regional Ayurveda Research Institute, Ranikhet

- Breeding, Caring and rearing of Musk Deer.
- Medico-Ethno-Botanical Survey of Sub Himalayan Regions.
- Documentation of Ethno-medicinal Practices and Remedial Properties of different plants used by Tribes of Uttarakhand.
- Demonstration on Live Medicinal Plants in the Gardens.
- Providing Healthcare Services through NABH Accredited Out Patient Department (OPD) and Panchakarma Therapies
- Supply of authentic plants/ plant products to the different Institutes across the country.

## Achievements of MDRC

- In-captivity acclimatization of musk deer from wild.
- Studies on management of animal care at farm with improvement of their livelihood.
- Search of availability of fodders at new place by buffet selection and fodder cultivation as per feasibility.
- Standardizations of concentrate feed for musk deer.
- Treatment of musk deer in case of their illness.
- Maintenance of proper health and hygiene of musk deer.
- Studies on behavior and breeding patterns of musk deer.
- Musk collection using Non-Invasive Techniques without sacrificing of musk deer and development of Standard Operation Procedures.
- Publication of monographs and related research articles.

## Long Term Goals

- Extension of farm to newer area.
- Newer breeding plan by bringing musk deer from wild for variation of gene pool.
- Creating awareness to associated villages especially in Trans Himalayan Landscape for conservation.
- Search for availability of fodders in and around the campus/ nearby districts.
- Exploring the feasibility studies on urine, hairs and excreta of Musk Deer.

## National Seminar on “Importance and Challenges of Kasturi ( Musk) in Ayurvedic Pharmaceutics”

Date: 25.06.2023	
Venue : Regional Ayurveda Research Institute, Ranikhet	
Time	Event
10:00 a.m. to 10:45 a.m.	Inaugural Ceremony and Inaugural address by Prof. Vd. Rabinarayan Acharya, Director General, CCRAS, New Delhi
Session – I	
11:00 a.m. to 11:45 a.m.	“Golden Jubilee Lecture” by Dr. Orus Ilyas, Associate Professor, AMU Aligarh
11:45 a.m. to 12:00 noon	Refreshment
Session – II	
12:00 p.m. to 12:30 p.m.	Fodder development activities of MDRC since inception by Dr. G.C. Joshi, Ex- In-charge, CCRAS-RARI, Ranikhet
12:30 p.m. to 01:00 p.m.	Overall development activities of MDRC since inception by Shri Ini Ram, Ex- Centre In-charge, MDRC, CCRAS- RARI, Ranikhet
01:00 p.m. to 02:00 p.m.	Lunch
Session - III	
02:00 p.m. to 02:30 p.m.	Challenges in development of MDRC, Mahroori, Bageshwar by Dr. K.C. Tewari, Ex- In-charge, CCRAS-RARI, Ranikhet
02:30 p.m. to 03:00 p.m.	Importance of Musk in Ayurveda by Vd. Surya Prakash Sharma, Guru, Rastriya Ayurveda Vidyapeeth and Executive Manager, Sree Dhawantari Laboratories (Cal.)
03:00 p.m. to 03:35 p.m.	Different pathological conditions and their diagnosis reported at MDRC by Dr. K.P. Singh, Joint Director CADRAD, IVRI- Izatnagar Bareilly, U.P.
03:35 p.m. to 04:00 p.m.	Challenges at MDRC since inception by Dr. L.M.S. Nayal, Centre In-charge, MDRC, CCRAS- RARI, Ranikhet.
04:00 p.m. to 04:15 p.m.	Discussion and vote of thanks by Dr. Sanjaya Kumar, Assistant Director (Pharmacology) CCRAS, New Delhi