



**Communicating
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RHMD e-Bulletin

IN-HOUSE QUARTERLY BULLETIN

Envisaging the usage of Indian Raw Materials

Volume 6

No. 1

January – March 2022

NIScPR owes its existence to this appreciation of the integral role of science communication in empowering citizens with scientific information, inculcating scientific attitude and promoting research and development. When we talk about biodiversity of India, this huge reservoir of diversity one cannot study or visit in his or her active life time. Here comes the importance of Herbaria and museums to communicate information on life sciences. NIScPR, situated in the heart of the country is maintaining a Herbarium and Museum since 1978 which houses preserved and poisoned samples of various species in the form of herbarium sheets and carpological samples of economic and traditional medicinal plants, animals and samples of rocks and minerals collected from throughout India.

RHMD was planned to represent economic biodiversity dealt with in The Wealth of India- An Encyclopedia of Indian Raw Materials and to cater to the academic and scientific needs. The acronym RHMD (Raw Materials Herbarium & Museum, Delhi) is included in INDEX HERBARIORUM, a constituent establishment of the International Association of Plant Taxonomy (IAPT), New York Botanic Garden, New York, USA. Presently RHMD houses authentic samples of about 8500 plant specimens; 190 zoological specimens; 207 mineral samples; and more than 3700 carpological samples (crude drugs like roots, seeds, bark, wood, flowers, etc.). To make the herbarium more comprehensive and viable, preservation of herbarium specimens and carpological samples is also carried out as and when new species is received or collected.

Raw Materials Herbarium & Museum Delhi (RHMD)

www.niscpr.res.in

Medicinal plants have been in use since time immemorial and now in this era of modern medicines plant products are extensively used in household remedies, nutraceuticals and cosmetics. But due to the lack of the true identity and good quality of herbs, substitutes and adulterants as well as synonymous plants are sometimes used. NIScPR, a well equipped institute with herbal garden and library (National Science Library) with vast collection of literature in the form of its own publication, The Wealth of India and various Life Science Research journals and RHMD, etc is actively supporting various research programme on herbal drugs.

For the development of herbal drug a multi-dimensional approach to research activities including survey of literature, collection and cultivation of medicinal plants, isolation of active principles, drug authentication, drug standardization, pharmacological studies, clinical research, etc. is essential. About 90% of plants are collected and procured from wild habitat therefore, before approaching a research lab from fields, identification or authentication and correct nomenclature is required because there are too many names (trade names, English and vernacular names) to refer to a botanical scientific name of single species/crude drug and a single name is referred to more than one plant species or crude drug is a common practice in trade and by non-botanist (taxonomist) which often leads to confusion and instigate fraudulent intention to earn more money. In some published literature it is not possible to match common names with scientific names. Adulteration and substitution in Ayurvedic, Unani and herbal medicines manufacturing is another matter of concern. Other than morphological identification various pharmacognostic, phytochemical and molecular tools and techniques are also useful as supportive tools for assessment of genuine plant material.

Correct identification and good quality of raw drugs are important to achieve safe and effective therapeutic potency, efficacy and reproducible quality of herbal medicines. RHMD, a priceless treasure offers consultancy on the authentication of plants and crude drug samples since January 1994 against payment with the objective of helping students, research scientists, customs, foresters, cultivators and pharmaceutical industries especially for identification and check adulteration in herbal drugs in dry or fresh form. This involves identification of crude drug samples by studying their macroscopic features, organoleptic properties and comparison with genuine voucher specimens housed in RHMD along with related literature. A large number of visitors comprising foreign delegates, NGO(s), students and teachers of schools and colleges, researchers, scientists, entrepreneurs, traders, crude drug dealers and others visit this herbarium and museum to upgrade their knowledge. Botanical drugs comprising, root, stem, leaves, flower, fruit, seed, root & rhizome, stem & leaves, fruit & seed, stem bark, root bark, heartwood, whole plant, whole plant without root, exudates, gum/resin, tuber and bulb, fibers have been classified on the most scientific and modern lines.

Our Strength

- More than three decades of valuable collection, preserved and poisoned by internationally approved techniques to protect them from moisture, fungus and pests.
- Maintaining both collection of crude drugs and herbarium sheets.
- More than two decades long experience in providing consultancy services.
- Empowering our clients with the prerequisite scientific /botanical knowledge.
- Help researchers to locate habitat and distribution of species in wild.
- Provide correct nomenclature and possible synonyms, common vernacular and English names.

Objectives and contents of RHMD-e-Bulletin

- Digitization of the details of samples including photograph, botanical names, vernacular/English names, family, plant part, authentication certificate number, name and address (with E-mail and contact number) of the users of our consultancy services for reference in future.
- The data to be published in this bulletin shall reduce the requirement of storing space and damage of samples received for authentication.
- The published digital image of the crude drugs authenticated by RHMD shall be available in open access for posterity.
- Through this database NIScPR will connect to students, industry, researchers and traditional medicine dealers, exporters for societal impact of authentic collections.
- About 90% herbs are collected by untrained people from wild habitats. Due to variation in habit and habitat species exhibits variation in their morphology of aerial parts and roots and rhizomes also. The situation becomes more difficult in the dried samples appearance, smell and colour. Considering these factors an attempt is being made here to publish in each issue details of one freshly collected plant, its parts vis-à-vis their dried form from CSIR–NIScPR campus (in first phase) for the purpose of awareness of differences in the morphology of fresh and dry materials and to reduce ambiguity about the identity and name of some species. It shall help in the collection from fields as well as dried sample of the particular species from market.
- This illustrated initiative is a gesture to help potential researchers and traders in identification of raw drugs.
- The data created by authentication of crude drugs shall be uploaded on CSIR-NIScPR website which could be accessed by various user groups free of cost.
- It would be a user-friendly image library and virtual repository of raw herbal medicines.
- This bulletin would act as referral source for collection and purchase of correct raw drugs.
- Number of pages will vary as per the received samples per month and the data to be published on for PLANT OF THE MONTH from NIScPR campus.

IN THIS ISSUE: Vol. 6, No. 1, 2022, Authentication certificate number, Botanical name /common names, Family, plant part, Name and Address of Researchers/Pharmaceutical Co./Others and Image of the samples received/authenticated during the months of January – March 2022 have been included to display on NIScPR website: www.niscair.res.in. Previous issues may be visited through following link: <http://www.niscair.res.in/InformationResources/rawmaterial/RHMD-eBULLETIN>

JANUARY 2022

Authentication certificate number/Date	Botanical Name, common names and Family	Plant Part (s)	Name and Address of Researcher/ Pharmaceutical Co./Others	Image
NIScPR/RH MD/Consult/ 2021/3968-69-1 12/01/2022	<i>Cassia angustifolia</i> Vahl syn. <i>Senna alexanderiana</i> Mill. Sana, Sanai, Sanamaki, Senna leaf, Sonamukhi, Swarnapatri, Tirunelveli senna Family: Caesalpiniaceae	Dried leaves	Dr. Sumbul Naeem PG Department of Ilmul Saidla A & U Tibbia College & Hospital Ajmal Khan Road Karol Bagh, New Delhi	
NIScPR/RH MD/Consult/ 2021/3968-69-2 12/01/2022	<i>Pimpinella anisum</i> L. Anish, Aniseed, Anisoon. Family: Apiaceae	Fruits	Dr. Sumbul Naeem PG Department of Ilmul Saidla A & U Tibbia College & Hospital Ajmal Khan Road Karol Bagh, New Delhi	
NIScPR/RH MD/Consult/ 2021/3968-69-3 12/01/2022	<i>Rosa damascena</i> Mill. Gulab, Rose petals, Gul-e-surkh, Ward Family: Rosaceae	Dried flower petals	Dr. Sumbul Naeem PG Department of Ilmul Saidla A & U Tibbia College & Hospital Ajmal Khan Road Karol Bagh, New Delhi	
NIScPR/RH MD/Consult/ 2021/3969-70-1 7/01/2022	<i>Phyllanthus emblica</i> L. syn. <i>Embolica officinalis</i> Gaertn. Amla, Amalki, Embelic Myrobalan Family: Euphorbiaceae	Dried fruits	Dr Shadma Ali Department of Ilmul Saidla A & U Tibbia College & Hospital Ajmal Khan Road, Karol Bagh New Delhi-110 005	

NIScPR/RH MD/Consult/ 2021/3969- 70-2 7/01/2022	<i>Foeniculum vulgare</i> Mill. Badiyan, Fennel, Saunf Family: Apiaceae	Dried fruits	Dr Shadma Ali Department of Ilmul Saidla A & U Tibbia College & Hospital Ajmal Khan Road, Karol Bagh New Delhi-110 005	
NIScPR/RH MD/Consult/ 2021/3969- 70-3 28/12/2021	<i>Zingiber officinale</i> Rosc. Sonth, Zinger, Ginger, Zanjabeel Family: Zingiberaceae	Dried rhizomes	Dr Shadma Ali Department of Ilmul Saidla A & U Tibbia College & Hospital Ajmal Khan Road, Karol Bagh-110005 New Delhi-110 005	
NIScPR/RH MD/Consult/ 2021/3969- 70-4 28/12/2021	<i>Rosa damascena</i> Mill. Gulab, Rose petals, Gule-e-surkh Family: Rosaceae	Dried flower petals	Dr Shadma Ali Department of Ilmul Saidla A & U Tibbia College & Hospital Ajmal Khan Road, Karol Bagh-110005 New Delhi-110 005	
NIScPR/RH MD/Consult/ 2021/3969- 70-5 28/12/2021	<i>Vitis vinifera</i> L. Maweez, Munnakkaa, Draaksha, Black bloom raisins Family: Vitaceae	Dried mature fruits with seeds	Dr Shadma Ali Department of Ilmul Saidla A & U Tibbia College & Hospital Ajmal Khan Road, Karol Bagh-110005 New Delhi-110 005	
NIScPR/RH MD/Consult/ 2021/3971- 72-1 6/01/2022	<i>Marsdenia tenacissima</i> (Roxb.) Moon Murva mool Family: Asclepiadaceae	Fresh roots	Ms. Anjali Chaudhary IFTM University Lodhipur Rajput, Moradabad-244 001	

NIScPR/RH MD/Consult/ 2021/3971- 72-2 6/01/2022	<i>Gardenia jasminoides</i> Ellis Gandharaj, Cape Jasmine Family: Rubiaceae	Fresh leaves	Ms. Anjali Chaudhary IFTM University Lodhipur Rajput, Moradabad-244 001	
NIScPR/RH MD/Consult/ 2021/3972- 73-1 10/01/2022	<i>Aesculus indica</i> (Wall. ex Cambess.) Hook. Bankhor, Pangar, Indian Horse Chestnut Family: Hippocastanaceae	Dried mature seeds	Ms. Deepika Aggarwal Institute of Pharmaceutical Sciences Kurukshetra University Kurukshetra	
NIScPR/RH MD/Consult/ 2021/3972- 73-2 10/01/2022	<i>Ficus virens</i> Aiton Pilkhan, White Fig Family: Moraceae	Fruiting branch including bark	Ms. Deepika Aggarwal Institute of Pharmaceutical Sciences Kurukshetra University Kurukshetra	
NIScPR/RH MD/Consult/ 2021/3973- 74-1 12/1/2022	<i>Ocimum sanctum</i> L. Tulsi, Sacred Basil, Holy Basil Family: Lamiaceae	Leaves	Dr. Vanita Suthar SGT University Gurugram, Delhi-NCR	
NIScPR/RH MD/Consult/ 2021/3973- 74-2 12/1/2022	<i>Punica granatum</i> L. Anar, Pomegranate, Dalim Family: Rosaceae	Fruit peels	Dr. Vanita Suthar SGT University Gurugram, Delhi-NCR	

NIScPR/RH MD/Consult/ 2021/3974- 75 11/01/2022	<i>Swietenia macrophylla</i> King Big leaf Mahogany, Brazilian or Peruvian Mahogany Family: Meliaceae	Dried seeds	Mr. Sachin Srivastava Hygia Institute of Pharmaceutical Education & Research Lucknow, U P	
NIScPR/RH MD/Consult/ 2021/3975- 76-1 12/1/2022	<i>Matricaria chamomilla</i> L. Baboona, Babuna, German Chamomile Family: Asteraceae	Dried flowers	Dr. Mohd Aasif Department of Ilmul Saidla A & U Tibbia College & Hospital Ajmal Khan Road, Karol Bagh-110005 New Delhi-110 005	
NIScPR/RH MD/Consult/ 2021/3975- 76-2 12/1/2022	<i>Viola odorata</i> L. Banafsha, Sweet Violet. Family: Violaceae	Dried flowers	Dr. Mohd Aasif Department of Ilmul Saidla A & U Tibbia College & Hospital Ajmal Khan Road, Karol Bagh-110005 New Delhi-110 005	
NIScPR/RH MD/Consult/ 2021/3975- 76-3 12/1/2022	<i>Althaea officinalis</i> L. Khatmi, Marsh Mallow Family: Malvaceae	Seeds	Dr. Mohd Aasif Department of Ilmul Saidla A & U Tibbia College & Hospital Ajmal Khan Road, Karol Bagh-110005 New Delhi-110 005	
NIScPR/RH MD/Consult/ 2021/3975- 76-4 12/1/2022	<i>Trigonella foenum- graecum</i> L. Hulba, Fenugreek, Methi Family: Fabaceae	Seeds	Dr. Mohd Aasif Department of Ilmul Saidla A & U Tibbia College & Hospital Ajmal Khan Road, Karol Bagh-110005 New Delhi-110 005	

NIScPR/RH MD/Consult/ 2021/3975- 76-5 12/1/2022	<i>Astragalus hamosus</i> L. Akhile-malik, Akleel-UI-Mulk, Purtuk Family: Fabaceae	Fruits	Dr. Mohd Aasif Department of Ilmul Saidla A & U Tibbia College & Hospital Ajmal Khan Road, Karol Bagh-110005 New Delhi-110 005	
NIScPR/RH MD/Consult/ 2021/3976- 77 13/01/2022	<i>Cissus quadrangularis</i> L. Edible-Stemmed Vine, Hadjora, Hadjod Family: Vitaceae	Dried stems	Dr. Aisha Farheen Department of Ilmul Saidla A & U Tibbia College & Hospital Ajmal Khan Road, Karol Bagh New Delhi-110005	
NIScPR/RH MD/Consult/ 2021/3977- 78 13/01/2022	<i>Neolamarckia cadamba</i> (Roxb.) Bossier syn. <i>Anthocephalus cadamba</i> (Roxb.) Miq. Kadamb Family: Rubiaceae	Bark	Ms. Tanzeeb Rani IFTM University Moradabad Uttar Pradesh 244102	
NIScPR/RH MD/Consult/ 2021/3978- 79-1 14/01/2022	<i>Acorus calamus</i> L. Vach, Vacha, Sweet Flag, Indian Calamus Family: Araceae	Rhizomes	Ms. Meena Kausar Dept. of Pharmaceutical Sciences Kumaun University, Bhimtal Nainital-263136, Uttarakhand	
NIScPR/RH MD/Consult/ 2021/3978- 79-2 14/01/2022	<i>Glycyrrhiza glabra</i> L. Liquorice, Mulethi, Yashtimadhu Family: Fabaceae	Dried roots	Ms. Meena Kausar Dept. of Pharmaceutical Sciences Kumaun University, Bhimtal Nainital-263136, Uttarakhand	

NIScPR/RH MD/Consult/ 2021/3978- 79-3 14/01/2022	<i>Murraya koenigii</i> (L.) Spreng. Curry Leaf Tree, Kurry Patta, Mitha Neem. Family: Rutaceae	Leaves	Ms. Meena Kausar Dept. of Pharmaceutical Sciences Kumaun University, Bhimtal Nainital-263136, Uttarakhand	
NIScPR/RH MD/Consult/ 2021/3979- 80 14/01/2022	<i>Papaver somniferum</i> L. Afim, Opium, Poppy, White Poppy Family: Papaveraceae	Seeds	Ms. Twinkle Parashar Institute of Pharmaceutical Sciences Kurukshetra University	
NIScPR/RH MD/Consult/ 2021/3980- 81 17/01/2022	<i>Bryophyllum pinnatum</i> (Lam.) Oken syn. <i>Kalanchoe pinnata</i> (Lam.) Pers. Patharchatta, Ranakalli, Zakhm- haiyat Family: Crassulaceae	Leaves	Ms. Jaya Shree T. Sri Sankara Arts and Science College Ennathur, Kanchipuram	
NIScPR/RH MD/Consult/ 2021/3981- 82 18/01/2022	<i>Calendula officinalis</i> L. Calendula, Pot Marigold, Zergul Family: Asteraceae	Dried seeds	Ms. Ayushi Varshney Amity Institute of Biotechnology Amity University, U P Noida-120 130	
NIScPR/RH MD/Consult/ 2021/3982- 83 17/01/2022	<i>Lawsonia inermis</i> L. Hina, Henna, Egyptian Privet, Mehndi. Family: Lythraceae	Leaves	Mr. Gulam Muheyuddeen Hygia Institute of Pharmaceutical Education and Research Lucknow - 226013	

NIScPR/RH MD/Consult/ 2021/3983- 84-1 18/01/2022	<i>Magnolia champaca</i> (L.) Baill. ex Pierre Champa, Champak Family: Magnoliaceae	Leaves	Mr. R. Shankar Dept. of Veterinary Pharmacology and Toxicology College of Veterinary and Animal Sciences Mannuthy, Thrissur Kerala- 680 651	
NIScPR/RH MD/Consult/ 2021/3983- 84-2 18/01/2022	<i>Epipremnum aureum</i> (Linden & Andre) G. S. Bunting Money Plant, Devil's Ivy Family: Araceae	Leaves	Mr. R. Shankar Dept. of Veterinary Pharmacology and Toxicology College of Veterinary and Animal Sciences Mannuthy, Thrissur Kerala- 680 651	
NIScPR/RH MD/Consult/ 2021/3984- 85 14/01/2022	<i>Rubus ellipticus</i> Sm. Hinsalu, Yellow or Golden Himalayan raspberry Family: Rosaceae	Dried roots	Ms. Soni Dhaulakhandi Dept. of Pharmaceutical Sciences & Natural Products Central University of Punjab, Bathinda	
NIScPR/RH MD/Consult/ 2021/3985- 86 14/01/2022	<i>Prunus cerasoides</i> D. Don. Himalayan Wild Cherry, Paddam, Padmaka. Family: Rosaceae	Leaves	Ms. Shikha Agrawal Dept. of Pharmaceutical Sciences & Natural Products Central University of Punjab, Bathinda- 151401	
NIScPR/RH MD/Consult/ 2021/3986- 87 14/01/2022	<i>Plectranthus amboinicus</i> (Lour.) Spreng. syn. <i>Coleus amboinicus</i> Lour. Ajwain Patta, Indian Borage. Family: Lamiaceae	Leaves	Mr. Pranay Gautre Dept. of Pharmaceutical Sciences & Natural Products Central University of Punjab, Bathinda -151401	

NIScPR/RH MD/Consult/ 2021/3987- 88-1 18/01/2022	<i>Asparagus racemosus</i> Willd. Satavar, Satavari, Shatavri, Satmooli. Family: Liliaceae	Roots	Ms. Sunanda Kulshrestha GLA University Mathura, U P	
NIScPR/RH MD/Consult/ 2021/3987- 88-2 18/01/2022	<i>Withania somnifera</i> (L.) Dunal Ashwagandha, Punir, Asgandh Family: Solanaceae	Roots	Ms. Sunanda Kulshrestha GLA University Mathura, U P	
NIScPR/RH MD/Consult/ 2021/3987- 88-4 18/01/2022	<i>Cinnamomum verum</i> Presl syn. <i>Cinnamomum zeylanicum</i> Blume Cinnamon, Dalchini Family: Lauraceae	Dried stem bark	Ms. Sunanda Kulshrestha GLA University Mathura, U P	
NIScPR/RH MD/Consult/ 2021/3987- 88-5 18/01/2022	<i>Trachyspermum ammi</i> (L.) Sprague syn. <i>Carum copticum</i> Benth. & Hook. f. Ajwain, Ajowan, Bishops weed Family: Apiaceae	Fruits	Ms. Sunanda Kulshrestha GLA University Mathura, U P	
NIScPR/RH MD/Consult/ 2021/3987- 88-6 18/01/2022	<i>Centratherum anthelminticum</i> (L.) Kuntze Kali jeeri, Kali ziri, Somraj Family: Asteraceae	Fruits (achenes)	Ms. Sunanda Kulshrestha GLA University Mathura, U P	

NIScPR/RH MD/Consult/ 2021/3989- 90 19/01/2022	<i>Cyanthillium cinereum</i> (L.) H. Rob. syn. <i>Vernonia cinerea</i> (L.) Less. Ash-coloured Fleabane, Sahadevi, Little Iron Weed Family: Asteraceae	Leaves	Ms. Kanupriya Chandigarh University (UIPS) Ludhiana, Chandigarh, Highway Punjab-140 413	
NIScPR/RH MD/Consult/ 2021/3990- 91 19/01/2022	<i>Cyanthillium cinereum</i> (L.) H. Rob. syn. <i>Vernonia cinerea</i> (L.) Less. Ash-coloured Fleabane, Sahadevi, Little Iron Weed Family: Asteraceae	Leaves	Ms. Priya Patel Chandigarh University (UIPS) Ludhiana, Chandigarh, Highway Punjab-140 413	
NIScPR/RH MD/Consult/ 2021/3991- 92 19/01/2022	<i>Citrus sinensis</i> (L.) Osbeck Sweet Orange, Sweet or Tightskinned Orange, Mosambi Family: Rutaceae	Fruit	Dr. Vivekanandhan R Department of Veterinary Public Health College of Veterinary & Animal Sciences Mannuthy, Thrissur, Kerala- 680651	
NIScPR/RH MD/Consult/ 2021/3992- 93-1 20/01/2022	<i>Argyreia nervosa</i> (Burm. f.) Bojer Bidhara, Vidhara Family: Convolvulaceae	Dried roots	Ms. Manisha Padole Siddhayu Ayurvedic Research Foundation, Pvt. Ltd. Great Nag Road, Baidyanath Bhavan Nagpur-440009	

NIScPR/RH MD/Consult/ 2021/3992- 93-2 20/01/2022	<i>Hedychium spicatum</i> Buch.- Ham. ex Smith Kapur Kachri Family: Zingiberaceae	Dried rhizome pieces	Ms. Manisha Padole Siddhayu Ayurvedic Research Foundation, Pvt. Ltd. Great Nag Road, Baidyanath Bhavan Nagpur-440009	
NIScPR/RH MD/Consult/ 2021/3992- 93-3 20/01/2022	<i>Ficus bengalensis</i> L. Banyan Tree, Bargad, Vat Family: Moraceae	Stem bark	Ms. Manisha Padole Siddhayu Ayurvedic Research Foundation, Pvt. Ltd. Great Nag Road, Baidyanath Bhavan Nagpur-440009	
NIScPR/RH MD/Consult/ 2021/3992- 93-4 20/01/2022	<i>Pterocarpus marsupium</i> Roxb. Bijasal, Indian Kino Tree, Malabar Kino Tree, Vijaysar Family: Fabaceae	Heartwood	Ms. Manisha Padole Siddhayu Ayurvedic Research Foundation, Pvt. Ltd. Great Nag Road, Baidyanath Bhavan Nagpur-440009	
NIScPR/RH MD/Consult/ 2021/3992- 93-5 20/01/2022	<i>Taraxacum officinale</i> Weber ex Wiggers Common Dandelion, Kanphul Family: Asteraceae	Dried roots	Ms. Manisha Padole Siddhayu Ayurvedic Research Foundation, Pvt. Ltd. Great Nag Road, Baidyanath Bhavan Nagpur-440009	
NIScPR/RH MD/Consult/ 2021/3993- 94 21/01/2022	<i>Andrographis paniculata</i> (Burm. f.) Wall. ex Nees Kalmegh, Green Chiretta, The Creat Family: Acanthaceae	Leaves	Ms. Partibha Department of Pharmaceutical Sciences MDU, Rohtak, Haryana	

NIScPR/RH MD/Consult/ 2021/3994- 95 21/01/2022	<i>Gymnema sylvestre</i> (Retz.) Schult. Gudmar, Gurmar, Madhu-Nashni, Medhasingi Family: Asclepiadaceae	Leaves	Ms. Yameena Fatima Hygia Institute of Pharmaceutical Education and Research Lucknow, U P	
NIScPR/RH MD/Consult/ 2021/3995- 96-1 21/01/2022	<i>Vigna mungo</i> (L.) Hepper syn. <i>Phaseolus mungo</i> L. Black gram, Urd Family: Fabaceae	Dehusked seeds (Dal)	Mr. Ganesh Lal Institute of Pharmaceutical Research GLA University, Mathura, UP	
NIScPR/RH MD/Consult/ 2021/3995- 96-2 21/01/2022	<i>Vigna mungo</i> (L.) Hepper syn. <i>Phaseolus mungo</i> L. Black gram, Urd. Family: Fabaceae	Whole seeds (with husk)	Mr. Ganesh Lal Institute of Pharmaceutical Research GLA University, Mathura, UP	
NIScPR/RH MD/Consult/ 2021/3996- 97 28/01/2022	<i>Echinochloa</i> <i>frumentacea</i> Link syn. <i>Panicum</i> <i>frumentaceum</i> Roxb. Sawa, Sanwa, Japanese Barnyard Millet Family: Poaceae	Leaves	Ms. Sanju Chandigarh University Ludhiana Highway Road Gharuan- 140413	
NIScPR/RH MD/Consult/ 2021/3997- 98 28/01/2022	<i>Nannoglottis</i> <i>hookeri</i> (Hook. f.) Kitam. syn. <i>Doronicum hookeri</i> C. B. Clarke ex Hook. f. Darunaj aqrabi, Leopard's Bane, Toos, Tarang, Vrishichka Family: Asteraceae	Dried roots	Ms. Aiman Faheem Jamia Hamdard, New Delhi	

NIScPR/RH MD/Consult/ 2021/3998- 99 28/01/2022	<i>Trapa natans</i> L. var. <i>bispinosa</i> (Roxb.) Makino syn. <i>Trapa</i> <i>bispinosa</i> Roxb.; <i>Trapa</i> <i>quadrispinosa</i> Wall. Caltrops, Singhara nut, Water Chestnut Family: Trapaceae	Fruits	Mr. Piyush Kumar Swift School of Pharmacy Vill. Ghaggar Sarai, Rajpura, Punjab	
NIScPR/RH MD/Consult/ 2021/3999- 100 28/01/2022	<i>Glycyrrhiza glabra</i> L. Liquorice, Mulethi, Yashtimadhu Family: Fabaceae	Dried roots	Ms. Saumya Rastogi Hygia Institute of Pharmaceutical Education & Research, Lucknow- 226022	
NIScPR/RH MD/Consult/ 2022/4000- 01 28/01/2022	<i>Curculigo orchoides</i> Gaertn. syn. <i>Hypoxis</i> <i>orchoides</i> Kurz Black Mushale, Kali Musali, Moosli Siyah, Talmooli Family: Amaryllidaceae	Dried roots	Shri S. K. Jain Rajvaidya Shital Prasad & Sons Rajvaidya Bhawan Delhi-110 095	
FEBRUARY 2022				
NIScPR/R HMD/Cons ult/2022/40 02-03 9/02/2022	<i>Citrus aurantium</i> L. Orange Family: Rutaceae	Fruit peels	Ms. Namita Kumari Hygia Institute of Pharmaceutical Education and Research Lucknow, U P	

NIScPR/R HMD/Consult/2022/40 03-04 4/02/2022	<i>Tephrosia purpurea</i> (L.) Pers. Jangli neel, Fish poison, Wild indigo, Sarphonk, Sharpunkha Family: Fabaceae	Dried whole plant	r Hitesh Kumar Babe Ke Ayurvedic Medical College & Hospital Moga, Punjab-142 053	
NIScPR/R HMD/Consult/2022/40 04-05-1 9/02/2022	<i>Verbascum thapsus</i> L. Common Mullein, Great Mullein, Cow's Lungwort, Gidar Tamaku Family: Scrophulariaceae	Dried leaves	Mr. Rajesh Kumar Sharma Teerthankar Mahaveer College of Pharmacy Teerthankar Mahaveer Univ. Moradabad-244001, UP	
NIScPR/R HMD/Consult/2022/40 05-06-1 11/02/2022	<i>Cyperus rotundus</i> L. Motha, Musta, Nutgrass Tubers Family: Cyperaceae	Dried tubers/rhizomes	Dr. Darshan Mohan Mahulkar All India Institute of Ayurveda Gautampuri Sarita Vihar New Delhi-110076	
NIScPR/R HMD/Consult/2022/40 05-06-2 11/02/2022	<i>Aegle marmelos</i> Correa ex Roxb. Bael, Bilva Family: Rutaceae	Fruit pulp	Dr. Darshan Mohan Mahulkar All India Institute of Ayurveda Gautampuri Sarita Vihar New Delhi-110076	
NIScPR/R HMD/Consult/2022/40 06-07-1 14/02/2022	<i>Withania somnifera</i> (L.) Dunal Asgandh, Ashwagandha, Punir Family: Solanaceae	Dried roots	Quality Certified & Standardized Herbals Pvt. Ltd. 4 th Floor, Sagar Plaza, District Center Laxmi Nagar, Vikas Marg Delhi-110092	

NIScPR/R HMD/Consult/2022/40 06-07-3 14/02/2022	<i>Piper longum</i> L. Chota Pipal variety, Pipal, Pippali Family: Piperaceae	Dried mature fruiting spikes	Quality Certified & Standardized Herbals Pvt. Ltd. 4 th Floor, Sagar Plaza, District Center Laxmi Nagar, Vikas Marg Delhi-110092	
NIScPR/R HMD/Consult/2022/40 06-07-4 14/02/2022	<i>Bacopa monnieri</i> (L.) Wettst. Nir Brahmi, Jalneem, Indian Pennywort Family: Scrophulariaceae	Aerial parts	Quality Certified & Standardized Herbals Pvt. Ltd. 4 th Floor, Sagar Plaza, District Center Laxmi Nagar, Vikas Marg Delhi-110092	
NIScPR/R HMD/Consult/2022/40 06-07-5-10 14/02/2022	<i>Ocimum sanctum</i> L. Holy Basil, Sacred Basil, Tulsi Family: Lamiaceae	Aerial parts	Quality Certified & Standardized Herbals Pvt. Ltd. 4 th Floor, Sagar Plaza, District Center Laxmi Nagar, Vikas Marg Delhi-110092	
NIScPR/R HMD/Consult/2022/40 06-07-10 14/02/2022	<i>Phyllanthus niruri</i> L. Bhu-Amla, Bhui- Amla Family: Euphorbiaceae	Dried aerial parts	Quality Certified & Standardized Herbals Pvt. Ltd. 4 th Floor, Sagar Plaza, District Center Laxmi Nagar, Vikas Marg Delhi-110092	
NIScPR/R HMD/Consult/2022/40 07-08 14/02/2022	<i>Pistacia chinensis</i> Bunge subsp. <i>integerrima</i> (Stewart ex Brandis) Rech.f. syn. <i>Pistacia</i> <i>integerrima</i> Stewart ex Brandis Crabs Claw, Kaakrasingi, Kakrashringi Family: Anacardiaceae	Insect galls formed on the leaves and petioles	Ms. Nidhi Sharma G.H. G. Khalsa College of Pharmacy Gurusar Sadhar, Ludhiana	

NIScPR/R HMD/Cons ult/2022/40 08-09-1 18/02/2022	<i>Terminalia arjuna</i> (Roxb.) Wight & Arn. Arjun, Arjuna Family: Combretaceae	Dried stem bark	Dr. Rajeev S. Raghuvanshi Indian Pharmacopoeia Commission Ministry of Health & Family Welfare, Govt. of India Rajnagar, Sector-23, Ghaziabad-201002	
NIScPR/R HMD/Cons ult/2022/40 08-09-2 18/02/2022	<i>Terminalia chebula</i> Retz. Chebulic Myrobalan, Harad, Harra Family: Combretaceae	Dried fruits	Dr. Rajeev S. Raghuvanshi Secretary Cum- Scientific Director Indian Pharmacopoeia Commission Ministry of Health & Family Welfare, Govt. of India Rajnagar, Sector-23, Ghaziabad	
NIScPR/R HMD/Cons ult/2022/40 08-09-3 18/02/2022	<i>Eclipta prostrata</i> L. syn. <i>Eclipta alba</i> (L.) Hassk. Bhangra, Bhringraj, Kala Bhangra. Family: Asteraceae	Dried whole plant	Dr. Rajeev S. Raghuvanshi Secretary Cum- Scientific Director Indian Pharmacopoeia Commission Ministry of Health & Family Welfare, Govt. of India Rajnagar, Sector-23, Ghaziabad	
NIScPR/R HMD/Cons ult/2022/40 08-09-4 18/02/2022	<i>Tinospora</i> <i>cordifolia</i> (Willd.) Hook. f. & Thoms. Giloe, Giloy, Golancha Family: Menispermaceae	Dried stem pieces	Dr. Rajeev S. Raghuvanshi Secretary Cum- Scientific Director Indian Pharmacopoeia Commission Ministry of Health & Family Welfare, Govt. of India Rajnagar, Sector-23, Ghaziabad	

NIScPR/R HMD/Consult/2022/40 08-09-5 18/02/2022	<i>Tribulus terrestris</i> L. Chota Gokhru Gokhru, Gokshra, Small Caltrop Seed Family: Zygophyllaceae	Fruits	Dr. Rajeev S. Raghuvanshi Secretary Cum- Scientific Director Indian Pharmacopoeia Commission Ministry of Health & Family Welfare, Govt. of India Rajnagar, Sector-23, Ghaziabad	
NIScPR/R HMD/Consult/2022/40 08-09-6 18/02/2022	<i>Cassia fistula</i> L. Amaltas, Purging Cassia Family: Caesalpinaceae	Ripe fruits pulp along with seeds	Dr. Rajeev S. Raghuvanshi Secretary Cum- Scientific Director Indian Pharmacopoeia Commission Ministry of Health & Family Welfare, Govt. of India Rajnagar, Sector-23, Ghaziabad	
NIScPR/R HMD/Consult/2022/40 08-09-7 18/02/2022	<i>Gymnema sylvestre</i> (Retz.) Schult. Gudmar, Gurmar, Madhu-Nashni, Medhasingi Family: Asclepiadaceae	Leaves	Dr. Rajeev S. Raghuvanshi Secretary Cum- Scientific Director Indian Pharmacopoeia Commission Ministry of Health & Family Welfare, Govt. of India Rajnagar, Sector-23, Ghaziabad	

NIScPR/R HMD/Consult/2022/40 08-09-8 18/02/2022	<i>Cissus quadrangularis</i> L. Bone setter, Hadjod, The Edible-Stemmed Vine Family:	Stems	Dr. Rajeev S. Raghuvanshi Secretary Cum- Scientific Director Indian Pharmacopoeia Commission Ministry of Health & Family Welfare, Govt. of India Rajnagar, Sector-23, Ghaziabad	
NIScPR/R HMD/Consult/2022/40 08-09-9 18/02/2022	<i>Terminalia bellirica</i> Roxb. Bahera, Belliric Myrobalan. Family: Combretaceae	Dried fruit	Dr. Rajeev S. Raghuvanshi Secretary Cum- Scientific Director Indian Pharmacopoeia Commission Ministry of Health & Family Welfare, Govt. of India Rajnagar, Sector-23, Ghaziabad	
NIScPR/R HMD/Consult/2022/40 08-09-10 18/02/2022	<i>Symplocos racemosa</i> Roxb. Lodhra, Lodh, Lodhar Family: Symplocaceae	Stem bark pieces	Dr. Rajeev S. Raghuvanshi Secretary Cum- Scientific Director Indian Pharmacopoeia Commission Ministry of Health & Family Welfare, Govt. of India Rajnagar, Sector-23, Ghaziabad	

NIScPR/R HMD/Consult/2022/40 08-09-11 18/02/2022	<i>Trigonella foenum-graecum</i> L. Fenugreek, Methi Family: Fabaceae	Seeds	Dr. Rajeev S. Raghuvanshi Secretary Cum-Scientific Director Indian Pharmacopoeia Commission Ministry of Health & Family Welfare, Govt. of India Rajnagar, Sector-23, Ghaziabad	
NIScPR/R HMD/Consult/2022/40 08-09-12 18/02/2022	<i>Azadirachta indica</i> A. Juss. Indian Lilac, Margosa Tree, Neemba, Tree Family: Meliaceae	Dried leaves	Dr. Rajeev S. Raghuvanshi Secretary Cum-Scientific Director Indian Pharmacopoeia Commission Ministry of Health & Family Welfare, Govt. of India Rajnagar, Sector-23, Ghaziabad	
NIScPR/R HMD/Consult/2022/40 08-09-13 18/02/2022	<i>Boerhaavia diffusa</i> L. Punarnava, Sant, Spreading Hogweed Family: Nyctaginaceae	Dried roots	Dr. Rajeev S. Raghuvanshi Secretary Cum-Scientific Director Indian Pharmacopoeia Commission Ministry of Health & Family Welfare, Govt. of India Rajnagar, Sector-23, Ghaziabad	

NIScPR/R HMD/Consult/2022/40 08-09-14 18/02/2022	<i>Convolvulus prostratus</i> Forsk. syn. <i>Convolvulus microphyllus</i> Sieb. ex Spreng., <i>Convolvulus pluricaulis</i> Choisy. Shankhpushpi, Shankhahuli Family: Convolvulaceae	Dried whole plant	Dr. Rajeev S. Raghuvanshi Secretary Cum- Scientific Director Indian Pharmacopoeia Commission Ministry of Health & Family Welfare, Govt. of India Rajnagar, Sector-23, Ghaziabad	
NIScPR/R HMD/Consult/2022/40 08-09-15 18/02/2022	<i>Ocimum sanctum</i> L. Tulsi Desi, Sacred Basil Family: Lamiaceae	Dried aerial parts	Dr. Rajeev S. Raghuvanshi Secretary Cum- Scientific Director Indian Pharmacopoeia Commission Ministry of Health & Family Welfare, Govt. of India Rajnagar, Sector-23, Ghaziabad	
NIScPR/R HMD/Consult/2022/40 08-09-16 18/02/2022	<i>Justicia adhatoda</i> L. syn. <i>Adhatoda zeylanica</i> Medik., <i>Adhatoda vasica</i> Nees Adusa, Kala vasa Family: Acanthaceae	Fresh leaves and Inflorescence	Dr. Rajeev S. Raghuvanshi Secretary Cum- Scientific Director Indian Pharmacopoeia Commission Ministry of Health & Family Welfare, Govt. of India Rajnagar, Sector-23, Ghaziabad	

NIScPR/R HMD/Consult/2022/40 08-09-17 18/02/2022	<i>Withania somnifera</i> (L.) Dunal Ashwagandha, Asgandh, Punir Family: Solanaceae	Dried roots	Dr. Rajeev S. Raghuvanshi Secretary Cum- Scientific Director Indian Pharmacopoeia Commission Ministry of Health & Family Welfare, Govt. of India Rajnagar, Sector-23, Ghaziabad	
NIScPR/R HMD/Consult/2022/40 09-10 16/02/2022	<i>Caesalpinia bonduc</i> (L.) Roxb. syn. <i>Caesalpinia bonducella</i> (L.) Fleming Bonduc Nut, Fever nut, Kantkarej, Karanj, Karanjua, Nicker bean, Sagargota Family: Caesalpinaceae	Leaves	Ms Indu Kumari G.H. G. Khalsa College of Pharmacy Gurusar Sadhar, Ludhiana	
NIScPR/R HMD/Consult/2022/40 10-11-1 17/02/2022	<i>Valeriana jatamansi</i> Jones syn. <i>Valeriana wallichii</i> DC. Tagar, Indian Valerian, Sugandhabala Family: Valerianaceae	Dried roots and rhizomes	Mrs. Neha Mittal Centre for Excellence in Pharmaceutical Sciences, Guru Gobind Singh Inderprastha University, Dwarka Sec-16 New Delhi	
NIScPR/R HMD/Consult/2022/40 10-11-2 17/02/2022	<i>Ocimum sanctum</i> L. Krishna Tulsi or Shyama Tulsi Family: Lamiaceae	Fresh (Purple type) leaves	Mrs. Neha Mittal Centre for Excellence in Pharmaceutical Sciences, Guru Gobind Singh Inderprastha University, Dwarka Sec-16 New Delhi	

NIScPR/R HMD/Cons ult/2022/40 11-12-1 17/02/2022	<i>Asparagus racemosus</i> Willd. Satavar, Satavari, Shatavri, Satmooli Family: Liliaceae	Roots	Mr. Prakhar Kunj I.T. S. College of Pharmacy Delhi- Meerut Road, Muradnagar Ghaziabad	
NIScPR/R HMD/Cons ult/2022/40 11-12-2 17/02/2022	<i>Lallemantia royleana</i> Benth. Balangu shirazi, Gharei, Kashmalu, Tukhmle-alanga Family: Lamiaceae	Seeds	Mr. Prakhar Kunj I.T. S. College of Pharmacy Delhi- Meerut Road, Muradnagar Ghaziabad	
NIScPR/R HMD/Cons ult/2022/40 12-13 21/02/2022	<i>Coleus forskohlii</i> (Willd.) Briq. Coleus, Patthar Choor Family: Lamiaceae	Fresh leaves	Mohd. Anas Rehman School of Pharmaceutical Science Moradabad (Lodhipur)	
NIScPR/R HMD/Cons ult/2022/40 13-14 21/02/2022	<i>Matricaria chamomilla</i> L. Camomile, Gul Babunah Family: Asteraceae	Fresh leaves	Ms Naghma Rais School of Pharmaceutical Science Moradabad (Lodhipur)	
NIScPR/R HMD/Cons ult/2022/40 14-15 23/02/2022	<i>Tinospora cordifolia</i> (Willd.) Hook. f. & Thoms. Amrita, Giloy, Golancha, Guduchi Family: Menispermaceae	Dried stem	Ms Aradhana Maurya Hygia Institute of Pharmaceutical Education & Research Lucknow, U P	

NIScPR/R HMD/Cons ult/2022/40 15-16 22/02/2022	<i>Asparagus racemosus</i> Willd. Satavar, Satavari, Satmooli Family: Liliaceae	Roots	Ms. Swati Kamboj Shri Venkateshwara University Gajraula, Uttar Pradesh	
NIScPR/R HMD/Cons ult/2022/40 16-17 22/02/2022	<i>Delonix regia</i> (Hook.) Raf. Flamboyant, Flame Tree, Gulmohar, Royal Poinciana Family: Caesalpinaceae	Leaves and Seeds	Ms Megha Garg Institute of Pharmaceutical Sciences Kurukshetra University, Kurukshetra	
NIScPR/R HMD/Cons ult/2022/40 17-18 22/02/2022	<i>Aesculus indica</i> Colebr. Bankhor, Pangar, Indian Horse Chestnut Family: Hippocastanaceae	Dried seeds	Ms. Triveni Nandal Institute of Pharmaceutical Sciences Kurukshetra University, Kurukshetra	

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NIScPR/R HMD/Cons ult/2022/40 18-19 2/03/2022	<i>Boerhavia diffusa</i> L. syn. <i>Boerhavia repens</i> L. Biskhopra, Lal Punarnava, Punarnava, Santh Family: Nyctaginaceae	Dried root	Ms. Diksha Sharma Hygia College Lucknow, U. P.	
NIScPR/R HMD/Cons ult/2022/40 19-20-1 2/03/2022	<i>Argemone mexicana</i> L. Kateli, Mexican Poppy, Prickly Poppy. Family: Papaveraceae	Stem	Ms. Divya Vashishth Dept. of Zoology Maharshi Dayanand University Rohtak, Haryana	

NIScPR/R HMD/Cons ult/2022/40 19-20-2 2/03/2022	<i>Balanites aegyptiaca</i> Planch. syn. <i>Balanites aegyptiaca</i> (L.) Delile var. <i>roxburghii</i> Duthie Desert Date, Hingan, Hingoli, Hingot, Ingudi Family: Simaroubaceae	Fresh fruits	Ms. Divya Vashishth Dept. of Zoology Maharshi Dayanand University Rohtak, Haryana	
NIScPR/R HMD/Cons ult/2022/40 19-20-3 2/03/2022	<i>Prosopis cineraria</i> Druce Khejri Family: Mimosaceae	Leaves	Ms. Divya Vashishth Dept. of Zoology Maharshi Dayanand University Rohtak, Haryana	
NIScPR/R HMD/Cons ult/2022/40 19-20-4 2/03/2022	<i>Pterocarpus marsupium</i> Roxb. Bijasal, Indian Kino Tree, Malabar Kino Tree, Vijaysar Family: Fabaceae	Heartwood	Ms. Divya Vashishth Dept. of Zoology Maharshi Dayanand University Rohtak, Haryana	
NIScPR/R HMD/Cons ult/2022/40 20-21 2/03/2022	<i>Costus igneus</i> N.E.Br. Insulin Plant, Spiral Ginger Family: Zingiberaceae	Fresh leaves	Ms. Mansi Yadav Dept. of Zoology Maharshi Dayanand University Rohtak, Haryana	

NIScPR/R HMD/Consult/2022/40 21-22-1 2/03/2022	<i>Azadirachta indica</i> A. Juss. Indian Lilac, Margosa Tree, Neem Tree, Neemba Family: Meliaceae	Fresh leaves	Ms. Pooja Dept. of Zoology Maharshi Dayanand University Rohtak, Haryana	
NIScPR/R HMD/Consult/2022/40 21-22-2 2/03/2022	<i>Mangifera indica</i> L. Mango Tree, Aam Family: Anacardiaceae	Fresh leaves	Ms. Pooja Dept. of Zoology Maharshi Dayanand University Rohtak, Haryana	
NIScPR/R HMD/Consult/2022/40 22-23-2 03/03/2022	<i>Caralluma fimbriata</i> Wall. Cullee-Moolayan, Chung Family: Asclepiadaceae	Dried stems/aerial parts	Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore	
NIScPR/R HMD/Consult/2022/40 22-23-3 03/03/2022	<i>Cichorium intybus</i> L. Chicory, Kasni Family: Asteraceae	Dried roots	Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore	
NIScPR/R HMD/Consult/2022/40 22-23-4 03/03/2022	<i>Citrus reticulata</i> Blanco Loose-skinned orange, Mandarin Family: Rutaceae	Ripe fruits peels	Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore	

NIScPR/R HMD/Consult/2022/40 22-23-5 03/03/2022	<i>Hedychium spicatum</i> Buch.-Ham. ex Smith Kapur Kachri, Spiked Ginger Root Family: Zingiberaceae	Dried rhizome pieces	Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore	
NIScPR/R HMD/Consult/2022/40 22-23-6 03/03/2022	<i>Inula racemosa</i> Hook. f. Pokharmool, Pushkarmool Family: Asteraceae	Dried roots	Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore	
NIScPR/R HMD/Consult/2022/40 22-23-7 03/03/2022	<i>Justicia adhatoda</i> L. syn. <i>Adhatoda zeylanica</i> Medik., <i>Adhatoda vasica</i> Nees Adusa, Malabar Nut, Vasa, Vasaka. Family: Acanthaceae	Dried leaves	Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore	
NIScPR/R HMD/Consult/2022/40 22-23-8 03/03/2022	<i>Musa acuminata</i> Colla Cavendish banana Family: Musaceae	Dried flowers	Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore	

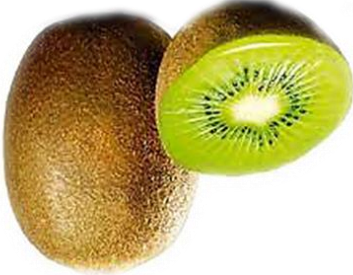
NIScPR/R HMD/Cons ult/2022/40 22-23-9 03/03/2022	<i>Salvia officinalis</i> L. Sage, Garden Sage Family: Lamiaceae	Dried leaves	Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore	
NIScPR/R HMD/Cons ult/2022/40 22-23-10 03/03/2022	<i>Styphnolobium japonicum</i> (L.) Schott syn. <i>Sophora japonica</i> L. Chinese Pagoda Tree, Chinese Scholar Tree, Umbrella Tree Family: Fabaceae	Flower buds	Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore	
NIScPR/R HMD/Cons ult/2022/40 22-23-11 03/03/2022	<i>Tephrosia purpurea</i> (L.) Pers. Wild Indigo, Sarphonka Family: Fabaceae	Leaves	Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore	
NIScPR/R HMD/Cons ult/2022/40 22-23-12 03/03/2022	<i>Tribulus terrestris</i> L. Chota Gokhru, Gokhru, Gokshra, Small Caltrop Seed Family: Zygophyllaceae	Dried fruits	Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore	
NIScPR/R HMD/Cons ult/2022/40 22-23-13 03/03/2022	<i>Withania somnifera</i> (L.) Dunal Asgandh, Ashwagandha, Punir Family: Solanaceae	Roots	Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore	

NIScPR/R HMD/Cons ult/2022/40 22-23-14 03/03/2022	<i>Ziziphus jujuba</i> Mill. Ban ber Family:	Dried fruits with seeds	Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore	
NIScPR/R HMD/Cons ult/2022/40 23-24 7/03/2022	<i>Sesbania grandiflora</i> (L.) Pers. Agathi, Agastya, Swamp Pea Family: Fabaceae	Leaves	Mrs. Sharad Sharma GLA University Mathura, U P	
NIScPR/R HMD/Cons ult/2022/40 24-25 15/03/2022	<i>Syzygium cumini</i> (L.) Skeels Black Plum, Jambolan, Jamun Family: Myrtaceae	Stem bark	Mr. Maivagna Chamasse Homary Maharishi Markandeshwar (Deemed to be) University Mullana- Ambala	
NIScPR/R HMD/Cons ult/2022/40 25-26 7/03/2022	<i>Hibiscus rosa-sinensis</i> L. China Rose, Chinese hibiscus, Jasun, Shoe Flower Family: Malvaceae	Aerial parts including leaves and flowers	Ms. Swati Verma Hygia Institute of Pharmaceutical Education and Research Lucknow, U P	
NIScPR/R HMD/Cons ult/2022/40 26-27 7/03/2022	<i>Psidium guajava</i> L. Amrud, Guava Family: Myrtaceae	Leaves	Mr. Mukesh Kumar Shukla Hygia Institute of Pharmaceutical Education and Research Lucknow, U P	

NIScPR/R HMD/Consult/2022/40 27-28 7/03/2022	<i>Alternanthera pungens</i> Kunth Kante vali santi, Khaki Weed, Khaki Joyweed Family: Amaranthaceae	Dried aerial parts	Mr. Vivek Dhir Chitkara College of Pharmacy Chitkara University Rajpura, Punjab	
NIScPR/R HMD/Consult/2022/40 28-29-1 10/03/2022	<i>Vitis vinifera</i> L. Angur, Common Grape Vine, Wine Grape Family: Vitaceae	Dried fruits	Dr. Renuka Marabi Dept. of Rasashastra & B. K Govt. N. P. A. Ayurvedic College, Raipur	
NIScPR/R HMD/Consult/2022/40 28-29-2 10/03/2022	<i>Woodfordia fruticosa</i> (L.) Kurz syn. <i>Woodfordia floribunda</i> Salisb. Dhai phool, Dhataki-pushpa, Dhavapool Family: Lythraceae	Dried flowers	Dr. Renuka Marabi Dept. of Rasashastra & B. K Govt. N. P. A. Ayurvedic College, Raipur	
NIScPR/R HMD/Consult/2022/40 28-29-3 10/03/2022	<i>Jasminum officinale</i> L. forma <i>grandiflorum</i> (L.) Kobuski Chameli, Common Jasmine, Jati Family: Oleaceae	Dried flowers	Dr. Renuka Marabi Dept. of Rasashastra & B. K Govt. N. P. A. Ayurvedic College, Raipur	
NIScPR/R HMD/Consult/2022/40 28-29-4 10/03/2022	<i>Syzygium aromaticum</i> (L.) Merrill & Perry syn. <i>Caryophyllus aromaticus</i> Lamk. Clove, Laung, Lavang Family: Myrtaceae	Flower buds	Dr. Renuka Marabi Dept. of Rasashastra & B. K Govt. N. P. A. Ayurvedic College, Raipur	

NIScPR/R HMD/Cons ult/2022/40 28-29-5 10/03/2022	<i>Piper cubeba</i> L. f. Cubebs, Tailed pepper, Kabab Chini Family: Piperaceae	Fruits	Dr. Renuka Marabi Dept. of Rasashastra & B. K Govt. N. P. A. Ayurvedic College, Raipur	
NIScPR/R HMD/Cons ult/2022/40 28-29-6 10/03/2022	<i>Phyllanthus acidus</i> (L.) Skeels syn. <i>Cicca acidus</i> (L.) Merrill Harfarauri, Malay Gooseberry, Star Gooseberry Family: Euphorbiaceae	Dried fruits	Dr. Renuka Marabi Dept. of Rasashastra & B. K Govt. N. P. A. Ayurvedic College, Raipur	
NIScPR/R HMD/Cons ult/2022/40 28-29-7 10/03/2022	<i>Santalum album</i> L. Safed Chandan, Sandal, Sandal Wood, Swetachandana Family: Santalaceae	Heartwood	Dr. Renuka Marabi Dept. of Rasashastra & B. K Govt. N. P. A. Ayurvedic College, Raipur, C. G.	
NIScPR/R HMD/Cons ult/2022/40 28-29-8 10/03/2022	<i>Piper longum</i> L. Pipal, Pippali, (Chota Pipal variety) Family: Piperaceae	Dried mature fruiting spikes	Dr. Renuka Marabi Dept. of Rasashastra & B. K Govt. N. P. A. Ayurvedic College, Raipur, C. G.	
NIScPR/R HMD/Cons ult/2022/40 28-29-9 10/03/2022	<i>Cinnamomum</i> <i>verum</i> Presl syn. <i>Cinnamomum</i> <i>zeylanicum</i> Blume Cinnamon, Dalchini Family: Lauraceae	Dried stem bark pieces	Dr. Renuka Marabi Dept. of Rasashastra & B. K Govt. N. P. A. Ayurvedic College, Raipur, C. G.	

NIScPR/R HMD/Consult/2022/40 28-29-10 10/03/2022	<i>Elettaria cardamomum</i> (L.) Maton Choti Elayechi, Ela Laghu, Lesser Cardamom Family: Zingiberaceae	Capsules (fruits)	Dr. Renuka Marabi Dept. of Rasashastra & B. K Govt. N. P. A. Ayurvedic College, Raipur, C. G.	
NIScPR/R HMD/Consult/2022/40 28-29-11 10/03/2022	<i>Cinnamomum tamala</i> Nees & Eberm. Indian Bay Leaf, Tejpatta, Tejpatra Family: Lauraceae	Dried leaves	Dr. Renuka Marabi Dept. of Rasashastra & B. K Govt. N. P. A. Ayurvedic College, Raipur, C. G.	
NIScPR/R HMD/Consult/2022/40 29-30 9/03/2022	<i>Ocimum sanctum</i> L. Brinda, Holy Basil, Sacred Basil, Tulsi Family: Lamiaceae	Dried seeds	Ms. Priya Sharma Rayat Institute of Pharmacy Railmajra, Ropar, Punjab	
NIScPR/R HMD/Consult/2022/40 31-32 9/03/2022	<i>Morus alba</i> L. Sahtoot, White mulberry Family: Moraceae	Stem bark	Ms. Rashmi Pathak IFTM University Moradabad, U P	
NIScPR/R HMD/Consult/2022/40 32-33 9/03/2022	<i>Tribulus terrestris</i> L. Gokhru, Gokshura, Land-Caltrops, Puncture Vine Family: Zygophyllaceae	Fruits	Prof. (Dr.) Dhirender Kaushik Department of Pharmaceutical Sciences Gurugram University, Gurugram	

NIScPR/R HMD/Cons ult/2022/40 34-35 11/03/2022	<i>Toona ciliata</i> M. Roem. syn. <i>Cedrela</i> <i>toona</i> Roxb. ex Rottler Red Cedar, Toon, Toona, Tun Family: Meliaceae	Leaves	Ms. Jaswinder Kaur G.H.G. Khalsa College of Pharmacy Gurusar Sadhar, Ludhiana Sudhar Punjab	
NIScPR/R HMD/Cons ult/2022/40 35-36 14/03/2022	<i>Eichhornia</i> <i>crassipes</i> (Mart.) Solms Jalkumbhi, Water- Hyacinth Family: Pontederiaceae	Leaves	Mr. Sandesh Varshney School of Medical and Allied Sciences Galgotias University Greater Noida	
NIScPR/R HMD/Cons ult/2022/40 36-37 14/03/2022	<i>Hylocereus</i> <i>undatus</i> (Haw.) Britton & Rose syn. <i>Cereus undatus</i> Haw Dragon fruit, White-fleshed pitahaya Family: Cactaceae	Fruit	Mr. Akash Chauhan School of Medical and Allied Sciences Galgotias University Greater Noida	
NIScPR/R HMD/Cons ult/2022/40 37-38 14/03/2022	<i>Ipomoea aquatica</i> Forssk. syn. <i>Ipomoea reptans</i> Poir. Kalmisag, Patuasag, Naari Ka Saag, Swamp Cabbage Family: Convolvulaceae	Leaves	Mr. Ayush Dubey School of Medical and Allied Sciences Galgotias University Greater Noida	
NIScPR/R HMD/Cons ult/2022/40 38-39-1 14/03/2022	<i>Actinidia deliciosa</i> (A. Chev.) C. F. Liang & A. R. Ferguson Kiwi Fruit Family: Actinidiaceae	Ripe fruit	Ms. Awaneet Kaur Department of Pharmacy Integral University, Kursi Road Lucknow	

NIScPR/R HMD/Consult/2022/40 38-39-2 14/03/2022	<i>Hylocereus undatus</i> (Haw.) Britton & Rose syn. <i>Cereus undatus</i> Haw Dragon fruit, White-fleshed pitahaya Family: Cactaceae	Fruit	Ms. Awaneet Kaur Department of Pharmacy Integral University, Kursi Road Lucknow	
NIScPR/R HMD/Consult/2022/40 40-41 15/03/2022	<i>Ocimum sanctum</i> L. Brinda, Holy Basil, Sacred Basil, Tulsi Family: Lamiaceae	Fresh leaves	Dr. Madhu Gupta School of Pharmaceutical Sciences Delhi Pharmaceutical Sciences and Research University, Govt. of NCT of Delhi, New Delhi	
NIScPR/R HMD/Consult/2022/40 41-42 17/03/2022	<i>Nyctanthes arbor-tristis</i> L. Harsingar, Parijat, Seoli, Night Jasmine, Coral Jasmine Family: Oleaceae	Dried leaves	Ms. Sapna Salar Innovative College of Pharmacy Apex University, Rajasthan	
NIScPR/R HMD/Consult/2022/40 42-43 17/03/2022	<i>Cynodon dactylon</i> Pers. Bermuda grass, Durva, Dhub Grass, Hariali Family: Poaceae	Whole plant	Ms Bilquees Fatima Akai College of Pharmacy & Technical Education Mastuana Sahib, Sangrur (Pb)	

NIScPR/R HMD/Consult/2022/40 44-45 17/03/2022	<i>Juniperus communis</i> L. Abhal, Aaraar, Hapusa, Haubera, Common Juniper Family: Pinaceae	Dried fruits	Mr. Arman Pambra J K Botanicals Pvt. Ltd Plot No. 5, Sector 19-C Opp. Punjab National Bank, Vashi Navi Mumbai	
NIScPR/R HMD/Consult/2022/40 45-46-1 22/03/2022	<i>Phyllanthus niruri</i> L. Bhu-Amla, Bhui- Amla Family: Euphorbiaceae	Dried whole plants	Quality Certified & Standardized Herbals Pvt. Ltd. 4 th Floor, Sagar Plaza, District Center Laxmi Nagar, Vikas Marg Delhi	
NIScPR/R HMD/Consult/2022/40 45-46-2 22/03/2022	<i>Withania somnifera</i> (L.) Dunal Asgandh, Ashwaga ndha, Punir Family: Solanaceae	Mixture of dried roots (few pieces) and lower stem o	Quality Certified & Standardized Herbals Pvt. Ltd. 4 th Floor, Sagar Plaza, District Center Laxmi Nagar, Vikas Marg Delhi	
NIScPR/R HMD/Consult/2022/40 45-46-3 22/03/2022	<i>Picrorhiza kurroa</i> Royle ex Benth. Hellebore root, Kadu, Katuka, Kedar-Karwi, Kutki Family: Scrophulariaceae	Roots and rhizomes	Quality Certified & Standardized Herbals Pvt. Ltd. 4 th Floor, Sagar Plaza, District Center Laxmi Nagar, Vikas Marg Delhi	

NIScPR/R HMD/Cons ult/2022/40 45-46-4 22/03/2022	<i>Ocimum sanctum</i> L. Holy Basil, Sacred Basil, Tulsi Family: Lamiaceae	Aerial parts	Quality Certified & Standardized Herbals Pvt. Ltd. 4 th Floor, Sagar Plaza, District Center Laxmi Nagar, Vikas Marg Delhi	
NIScPR/R HMD/Cons ult/2022/40 45-46-5 22/03/2022	<i>Andrographis paniculata</i> (Burm. f.) Wall. ex Nees Kalmegh, The Creat Family: Acanthaceae	Aerial parts	Quality Certified & Standardized Herbals Pvt. Ltd. 4 th Floor, Sagar Plaza, District Center Laxmi Nagar, Vikas Marg Delhi	
NIScPR/R HMD/Cons ult/2022/40 46-47 23/03/2022	<i>Brassica oleracea</i> L. var. <i>botrytis</i> L. subvar. <i>cymosa</i> Lam. Broccoli, Italian Broccoli and Sprouting Broccoli Family: Brassicaceae	Green buds and thick, fleshy flower stalks	Ms. Gunjan Swaraj I.T. S. College of Pharmacy Ghaziabad, U P.	
NIScPR/R HMD/Cons ult/2022/40 47-48 24/03/2022	<i>Adenium obesum</i> (Forssk.) Roem. & Schant. syn. <i>Nerium obesum</i> Forssk. Desert Rose, Kudu, Sabi Star Family: Apocynaceae	Dried flowering aerial parts	Ms. Rukhsar Bano Hygia Institute of Pharmaceutical Education and Research (HIPER) Lucknow - U. P.	

NIScPR/R HMD/Consult/2022/40 48-49-1 25/03/2022	<i>Carica papaya</i> L. Papaya, Papeeta, Papaw Tree Family: Caricaceae	Fresh leaf	Dr. Varisha Anjum CSIR-RA Fellow C/o Dr Manish K Chourasia CSIR-Central Drug Research Institute Division of Pharmaceutics & Pharmacokinetics Lucknow	
NIScPR/R HMD/Consult/2022/40 48-49-2 25/03/2022	<i>Tinospora cordifolia</i> (Willd.) Hook. f. & Thoms. Amrita, Giloe, Giloy, Golancha Family: Menispermaceae	Dried stem pieces	Dr. Varisha Anjum CSIR-RA Fellow C/o Dr Manish K Chourasia CSIR-Central Drug Research Institute Division of Pharmaceutics & Pharmacokinetics Lucknow	
NIScPR/R HMD/Consult/2022/40 49-50-1 25/03/2022	<i>Shorea robusta</i> Gaertn. f. Sal, Sakhu, Shal Family: Dipterocarpaceae	Dried stem bark	Ms. Sweta Kasna Delhi Pharmaceutical Sciences and Research University (DPSRU) Govt. of NCT of Delhi New Delhi	
NIScPR/R HMD/Consult/2022/40 49-50-2 25/03/2022	<i>Symplocos racemosa</i> Roxb. Lodh, Lodhra, Lodhar Family: Symplocaceae	Dried stem bark	Ms. Sweta Kasna Delhi Pharmaceutical Sciences and Research University (DPSRU) Govt. of NCT of Delhi New Delhi	

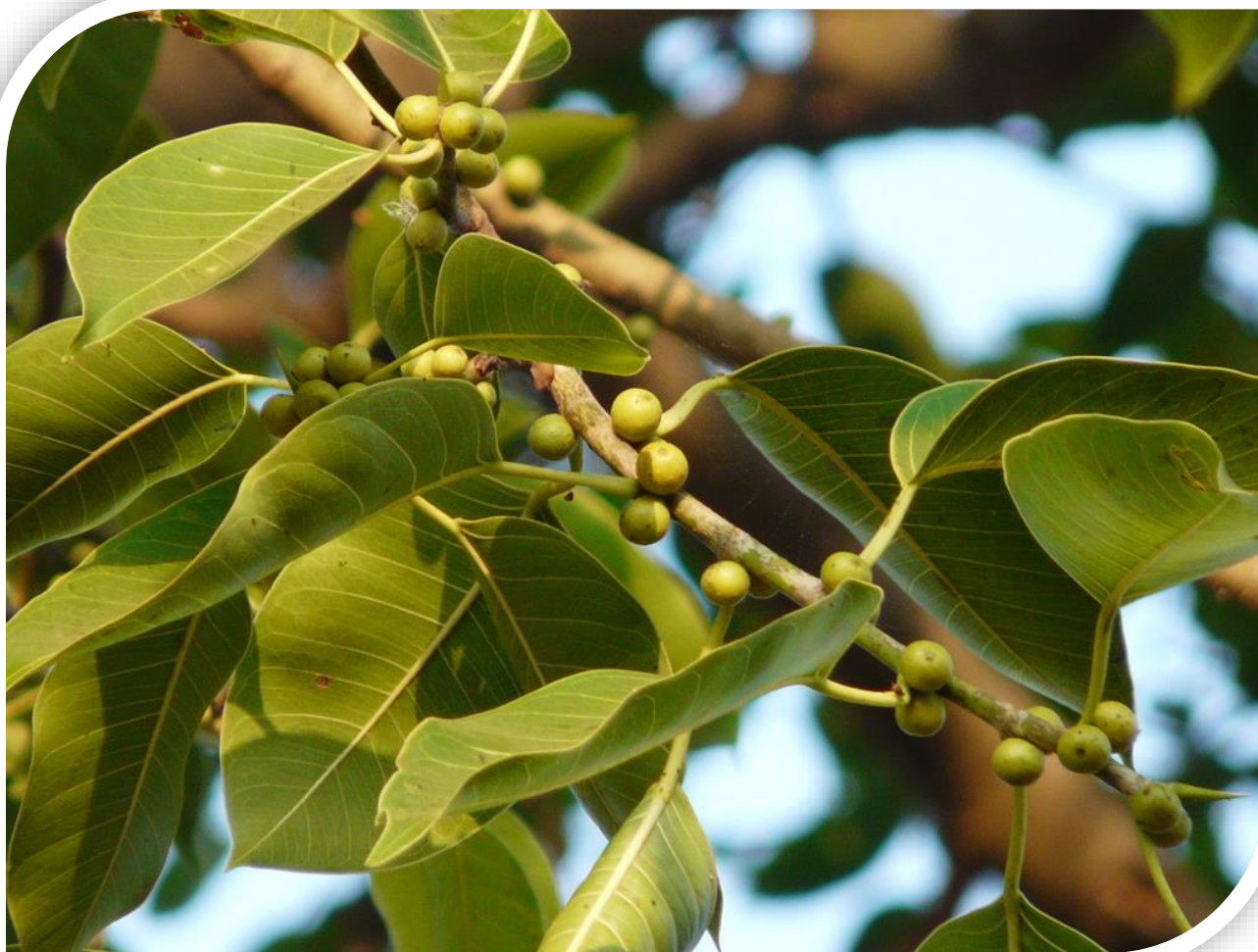
NIScPR/R HMD/Cons ult/2022/40 49-50-3 25/03/2022	<i>Ficus infectoria</i> Roxb. syn. <i>Ficus</i> <i>virens</i> Aiton Pakar, Pilkhan Family: Moraceae	Dried stem bark	Ms. Sweta Kasna Delhi Pharmaceutical Sciences and Research University (DPSRU) Govt. of NCT of Delhi New Delhi	
NIScPR/R HMD/Cons ult/2022/40 49-50-4 25/03/2022	<i>Saraca indica</i> L. syn. <i>Saraca asoca</i> (Roxb.) de Ashok, Sita Ashok Family: Caesalpinaceae	Stem bark	Ms. Sweta Kasna Delhi Pharmaceutical Sciences and Research University (DPSRU) Govt. of NCT of Delhi New Delhi	
NIScPR/R HMD/Cons ult/2022/40 50-51 25/03/2022	<i>Centella asiatica</i> (L.) Urban Brahma-manduki, Indian Pennywort, Mandookparni Family: Apiaceae	Fruiting fresh whole plant	Ms Ashapurna Khatua SES Lab-312 JNU , New Delhi	
NIScPR/R HMD/Cons ult/2022/40 51-52-1 30/03/2022	<i>Azadirachta indica</i> A. Juss. Indian Lilac, Margosa Tree, Neem Tree Family: Meliaceae	Fresh leaves	Mr. Aditya Faculty of Pharmacy SGT University Gurugram	

NIScPR/R HMD/Consult/2022/40 51-52-3 30/03/2022	<i>Curcuma longa</i> L. syn. <i>Curcuma domestica</i> Valetton Haldi, Haridra, Turmeric Family: Zingiberaceae	Dried rhizomes	Mr. Aditya Faculty of Pharmacy SGT University Gurugram	
NIScPR/R HMD/Consult/2022/40 52-53 30/03/2022	<i>Albizia lebbbeck</i> (L.) Benth. Siris, East Indian Walnut Family: Mimosaceae	Seeds	Mr. Gajender Saini Institute of Pharmaceutical Sciences Kurukshetra University, Kurukshetra	
NIScPR/R HMD/Consult/2022/40 53-54 30/03/2022	<i>Crinum latifolium</i> L. Sudarshana, Sudarsan Family: Amaryllidaceae	Leaves	Mr. Sachin Bisyan Institute of Pharmaceutical Sciences Kurukshetra University, Kurukshetra	
NIScPR/R HMD/Consult/2022/40 54-55 31/03/2022	<i>Aegle marmelos</i> (L.) Corr. Bael, Bengal Quince, Bilva, Sripthal Family: Rutaceae	Fresh leaves	Mr. Ashwani Rajiv Academy for Pharmacy Mathura, U P	
NIScPR/R HMD/Consult/2022/40 55-56 31/03/2022	<i>Amaranthus viridis</i> L. syn. <i>Amaranthus gracilis</i> Desf. Green or Wild Amaranth, Green Pigweed, Tanduliya, Vishaghna Family: Amaranthaceae	Fresh leaves	Mr. Aashish Bharadwaj Rajiv Academy for Pharmacy Mathura, U P	

PLANT OF THE MONTH

(CSIR-NIScPR CAMPUS)

In each issue we are publishing short note on a plant growing in CSIR–NIScPR campus. Tree species in addition to annual ornamentals, weeds, shrubs and climbers will be considered and photographs of the fresh whole plant, its parts including roots, stem, bark, leaves, flowers, fruits, seeds and dried forms shall be displayed for assisting identification.



Ficus virens Ait.

Family: Moraceae

English and Vernacular Names: Pakar, Pakad, Pilkhan, White Fig.

Distribution and Cultivation: Common avenue trees grown along road sides; also planted in gardens, lawns for shades; also found as epiphytic.

Description: Medium-sized or large trees occasionally having some aerial roots. Bark greenish-grey, smooth. Leaves simple alternate, shining surface, ovate-oblong or ovate-lanceolate, coriaceous, apiculate, base cuneate or cordate, 8-20 cm long, 4-8 cm broad, thinly leathery, veins 5-10. Fruits (Figs) axillary, in clusters; white- cream coloured, globose, 8-12 mm in diam. Flowering and fruiting during April to September.

Uses: The stem bark and leaf extracts of *F.virens* Ait. has been used traditionally for the treatment of blood diseases, uterus, burning sensation, hallucination, unconsciousness and as antibacterial, antifungal and antioxidant. It is reported that this tree reduce germination percentage and seedling growth of *Brassica campestris* Hook. f. & Thoms. crop. Leaves are used as fodder.

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