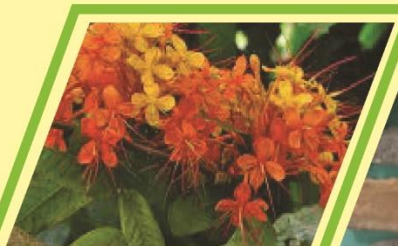




**Communicating
Science
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RHMD e-Bulletin

<https://niscpr.res.in>

IN-HOUSE QUARTERLY BULLETIN

Envisaging the usage of Indian Raw Materials

Volume 6

No. 2

April – June 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.

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 programmes 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. 2, 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 April – June 2022 have been included to display on NIScPR website: <https://niscpr.res.in>

Previous issues may be visited through following link: <https://niscpr.res.in/periodicals/rhmdbulletin>

APRIL 2022

Authentication certificate number/Date	Botanical Name, common names and Family	Plant Part (s)	Name and Address of Researcher/ Pharmaceutical Co./Others	Images
NIScPR/RH MD/Consult/ 2022/4056-57-1 04/04/2022	<i>Semecarpus anacardium</i> L. f. Baladur, Bhilawa, Marking nut, Oriental Cashew Family: Anacardiaceae	Dried nuts	Dr. Kameshwari Govt Ayurved College Near Central Library G. E. Road, Agad Tantra Dept, Raipur (C. G.)	
NIScPR/RH MD/Consult/ 2022/4056-57-2 04/04/2022	<i>Catunaregam spinosa</i> (Thunb.) Tirveng. syn. <i>Randia spinosa</i> (Thunb.) Poir.; <i>R. dumetorum</i> (Retz.) Poir.; <i>Xeromphis spinosa</i> (Thunb.) Keay Common Emetic Nut, Mainphal Family: Rubiaceae	Dried fruits	Dr. Kameshwari Govt Ayurved College Near Central Library G. E. Road, Agad Tantra Dept Raipur (C. G.) -- 492001	
NIScPR/RH MD/Consult/ 2022/4056-57-3 04/04/2022	<i>Gloriosa superba</i> L. Glory Lily, Kalihari roots, Langli, Malabar Lily Family: Colchicaceae	Dried roots	Dr. Kameshwari Govt Ayurved College Near Central Library G. E. Road, Agad Tantra Dept Raipur (C. G.) - 492001	

NIScPR/RH MD/Consult/ 2022/4056- 57-5 04/04/2022	<i>Vetiveria zizanioides</i> (L.) Nash Khas-Khas, Sugandhimula, Ushira, Vetiver. Family: Poaceae	Dried roots	Dr. Kameshwari Govt Ayurved College Near Central Library G. E. Road, Agad Tantra Dept Raipur (C. G.) - 492001	
NIScPR/RH MD/Consult/ 2022/4057- 58-1 06/04/2022	<i>Brassica campestris</i> Hook. f. & Thoms. Sarson, Mustard Family: Brassicaceae	Seeds	Dr. Sheetal Panthi Govt. Ayurved College G. E. Road, Agad Tantra Dept. Raipur (C. G.) - 492001	
NIScPR/RH MD/Consult/ 2022/4057- 58-2 06/04/2022	<i>Acorus calamus</i> L. Bach, Gudbach, Ghorbach, Indian Calamus root Family: Acoraceae	Rhizomes	Dr. Sheetal Panthi Govt. Ayurved College G. E. Road, Agad Tantra Dept. Raipur (C. G.) - 492001	
NIScPR/RH MD/Consult/ 2022/4057- 58-3 06/04/2022	<i>Pongamia pinnata</i> (L.) Pierre. Karanja, Pongam Oil Tree, Indian Beech Family: Fabaceae	Dried seeds	Dr. Sheetal Panthi Govt. Ayurved College G. E. Road, Agad Tantra Dept. Raipur (C. G.) - 492001	

NIScPR/RH MD/Consult/ 2022/4057- 58-4 06/04/2022	<i>Cedrus deodara</i> (Roxb. ex D. Don) G. Don Devdar, Himalayan Cedar Family:Pinaceae	Heartwood pieces	Dr. Sheetal Panthi Govt. Ayurved College G. E. Road, Agad Tantra Dept. Raipur (C. G.) - 492001	
NIScPR/RH MD/Consult/ 2022/4057- 58-5 06/04/2022	<i>Rubia cordifolia</i> L. Indian Madder, Majeeth,Manjistha, Manjth Family:Rubiaceae	Dried roots	Dr Sheetal Panthi Govt. Ayurved College G. E. Road, Agad Tantra Dept. Raipur (C. G.) - 492001	
NIScPR/RH MD/Consult/ 2022/4057- 58-6 06/04/2022	<i>Terminalia chebula</i> Retz. Harad, Haritiki Chebulic Myrobalan. Family: Combretaceae	Dried fruits	Dr Sheetal Panthi Govt. Ayurved College G. E. Road, Agad Tantra Dept. Raipur (C. G.) - 492001	
NIScPR/RH MD/Consult/ 2022/4057- 58-7 06/04/2022	<i>Terminalia bellirica</i> Roxb. Bahera, Belliric Myrobalan. Family: Combretaceae	Dried fruits and peels (Chilka)	Dr Sheetal Panthi Govt. Ayurved College G. E. Road, Agad Tantra Dept. Raipur (C. G.) - 492001	

NIScPR/RH MD/Consult/ 2022/4057- 58-8 06/04/2022	<i>Phyllanthus emblica</i> L. syn. <i>Emblica officinalis</i> Gaertn. Amla, Amalaki, Embelic Myrobalan Family: Phyllanthaceae	Dried fruits	Dr Sheetal Panthi Govt. Ayurved College G. E. Road, Agad Tantra Dept. Raipur (C. G.) - 492001	
NIScPR/RH MD/Consult/ 2022/4057- 58-9 06/04/2022	<i>Clitoria ternatea</i> L. Aparajita Family: Fabaceae	Dried aerial parts	Dr Sheetal Panthi Govt. Ayurved College G. E. Road, Agad Tantra Dept. Raipur (C. G.) - 492001	
NIScPR/RH MD/Consult/ 2022/4057- 58-10 06/04/2022	<i>Albizia procera</i> Benth. Siris chal, Siris Bark Family: Mimosaceae	Stem bark pieces	Dr Sheetal Panthi Govt. Ayurved College G. E. Road, Agad Tantra Dept. Raipur (C. G.) - 492001	
NIScPR/RH MD/Consult/ 2022/4057- 58-11 06/04/2022	<i>Piper longum</i> L. Chota Pipal variety Pipal, Pippali Family: Piperaceae	Dried mature fruiting spikes	Dr Sheetal Panthi Govt. Ayurved College G. E. Road, Agad Tantra Dept. Raipur (C. G.) - 492001	

NIScPR/RH MD/Consult/ 2022/4057- 58-12 06/04/2022	<i>Piper nigrum</i> L. Black Pepper, Golemiricha, Kali Mirch Family: Piperaceae	Unripe fruits	Dr Sheetal Panthi Govt. Ayurved College G. E. Road, Agad Tantra Dept. Raipur (C. G.) - 492001	
NIScPR/RH MD/Consult/ 2022/4057- 58-13 06/04/2022	<i>Zingiber officinale</i> Rosc. Sonth, Sunthi, Ginger Family: Zingiberaceae	Dried rhizomes	Dr Sheetal Panthi Govt. Ayurved College G. E. Road, Agad Tantra Dept. Raipur (C. G.) - 492001	
NIScPR/RH MD/Consult/ 2022/4057- 58-15 06/04/2022	<i>Albizia lebbeck</i> (L.) Benth. Shirish, Sirish, East Indian Walnut. Family: Fabaceae	Dried stem bark	Dr Sheetal Panthi Govt. Ayurved College G. E. Road, Agad Tantra Dept. Raipur (C. G.) - 492001	
NIScPR/RH MD/Consult/ 2022/4057- 58-16 06/04/2022	<i>Curcuma longa</i> L. syn. <i>Curcuma</i> <i>domestica</i> Valetton Haldi, Haridra, Turmeric. Family: Zingiberaceae	Dried rhizomes	Dr Sheetal Panthi Govt. Ayurved College G. E. Road, Agad Tantra Dept. Raipur (C. G.) - 492001	

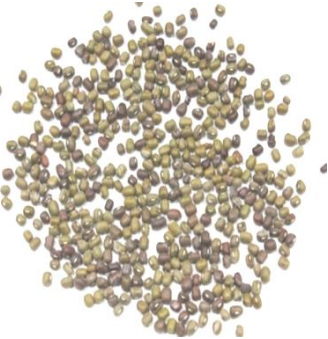
NIScPR/RH MD/Consult/ 2022/4057- 58-17 06/04/2022	<i>Berberis aristata</i> DC. Daruharidra Family: Berberidaceae	Stem pieces	Dr Sheetal Panthi Govt. Ayurved College G. E. Road, Agad Tantra Dept. Raipur (C. G.) - 492001	
NIScPR/RH MD/Consult/ 2022/4058- 59 07/04/2022	<i>Jasminum Polyanthum</i> Franch Chameli Family: Oleaceae	Dried flowers	Ms. Sushma Chaudhary Hygia Institute of Pharmaceutical Education & Research Lucknow, U P	
NIScPR/RH MD/Consult/ 2022/4059- 60 06/04/2022	<i>Embelia ribes</i> Burm. f. Baividang, Vidang. Family: Primulaceae	Mature fruits	Dr. Shifa Shetty P Dept. of Dravyaguna All India Institute of Ayurveda Sarita Vihar, New Delhi-110076	
NIScPR/RH MD/Consult/ 2022/4060- 61 08/04/2022	<i>Saraca indica</i> L. syn. <i>Saraca asoca</i> (Roxb.) de Willd. Ashok, Ashoka Family: Fabaceae	Stem bark	Ms. Sonika Shrivastav B. N. University Udaipur, Rajasthan	

NIScPR/RH MD/Consult/ 2022/4061- 62 05/04/2022	<i>Jatropha gossypifolia</i> L. Lal Bherenda, Bellyache Buch, Ratanjoti Family: Euphorbiaceae	Whole plant	Dr. Vipin Kumar Cental University of Rajasthan Bandar Sindari- 305817	
NIScPR/RH MD/Consult/ 2022/4062- 63 13/04/2022	<i>Plumeria alba</i> L. Champa, White Frangipani Family: Apocynaceae	Leaves and Flowers	Ms. Shruti Thakur Baddi University of Emerging Sciences & Technology, Baddi, Dist. Solan (H.P.)	
NIScPR/RH MD/Consult/ 2022/4063- 64 08/04/2022	<i>Inula racemosa</i> Hook.f. Pushkarmool, Pokharmool, Pushkara Family: Asteraceae	Dried roots	Mr. Arun Tiwari Faculty of Pharmacy Kamla Nehru Institute of Management & Technology , Faridipur, Sultanpur, U. P.-228119	
NIScPR/RH MD/Consult/ 2022/4064- 65 08/04/2022	<i>Vernonia cinerea</i> (L.) Less. Ash-Coloured Fleabane, Purple Fleabane, Sahadevi, Sadodi Family: Asteraceae	Leaves	Mr. Dimple Kumar Institute of Pharmaceutical Sciences Kurukshetra University	

NIScPR/RH MD/Consult/ 2022/4065- 66 08/04/2022	<i>Jasminum sambac</i> (L.) Ait. Banmallika, Mogra, Arabian Jasmine, Tuscan Jasmine. Family: Oleaceae	Leaves	Ms. Sushila Gupta AVIPS, Shobhit University Gangoh, Saharanpur	
NIScPR/RH MD/Consult/ 2022/4066- 67 08/04/2022	<i>Syzygium cumini</i> (L.) Skeels Black Plum, Jambolan, Jamun Family: Myrtaceae	Leaves	Mr. Maivagna Chamasse Homary Maharishi Markandeshwar (Deemed to be) University Mullana-Ambala- 133203	
NIScPR/RH MD/Consult/ 2022/4067- 68-2 11/04/2022	<i>Croton tiglium</i> L. Jayapala, Jamalgota, Purging Croton Family: Euphorbiaceae	Seeds	Dr. Ramshankar Sharaff Shri N. P. A. Govt. Ayurvedic College Raipur-492 001	
NIScPR/RH MD/Consult/ 2022/4067- 68-3 11/04/2022	<i>Piper nigrum</i> L. Black Pepper, Golemiricha, Kali Mirch Family: Piperaceae	Unripe fruits	Dr. Ramshankar Sharaff Shri N. P. A. Govt. Ayurvedic College Raipur-492 001	

NIScPR/RH MD/Consult/ 2022/4068- 69-3 11/04/2022	<i>Datura metel</i> L. Datura Seeds, Dhaturaabija, Kaalaadhaturaabija Family: Solanaceae	Seeds	Dr. Suman Chandra Shri N. P. A. Govt. Ayurved College G. E. Road Raipur-492 001	
NIScPR/RH MD/Consult/ 2022/4070- 71-1 12/04/2022	<i>Vitex negundo</i> L. Nirgundi, Sambhalu Family: Verbenaceae	Leaves	Dr. Megha Yadav Shri N. P. A. Govt. Ayurved College G. E. Road, Raipur- 492001, C. G.	
NIScPR/RH MD/Consult/ 2022/4070- 71-2 12/04/2022	<i>Albizia lebbeck</i> (L.) Benth. syn. <i>Mimosa</i> <i>lebbeck</i> L. Sirish, Siris, East Indian Walnut Family: Fabaceae	Stem bark	Dr. Megha Yadav Shri N. P. A. Govt. Ayurved College G. E. Road, Raipur- 492001, C. G.	
NIScPR/RH MD/Consult/ 2022/4070- 71-3 12/04/2022	<i>Trichosanthes</i> <i>dioica</i> Roxb. Patolpatra, Parwal, Pointed Gourd Family: Cucurbitaceae	Dried leaves	Dr. Megha Yadav Shri N. P. A. Govt. Ayurved College G. E. Road, Raipur- 492001, C. G.	

NIScPR/RH MD/Consult/ 2022/4070- 71-4 12/04/2022	<i>Justicia adhatoda</i> L. syn. <i>Adhatoda</i> <i>vasica</i> Nees, <i>Adhatoda</i> <i>zeylanica</i> Medik. Adusa, Kala vasa, Vasa Family: Acanthaceae	Leaves	Dr. Megha Yadav Shri N. P. A. Govt. Ayurved College G. E. Road, Raipur- 492001, C. G.	
NIScPR/RH MD/Consult/ 2022/4070- 71-5 12/04/2022	<i>Terminalia chebula</i> Retz. Harad, Harde, Haritaki, Chebolic Myrobalan Family: Combretaceae	Pericarps of dried dried fruits	Dr. Megha Yadav Shri N. P. A. Govt. Ayurved College G. E. Road, Raipur- 492001, C. G.	
NIScPR/RH MD/Consult/ 2022/4071- 72-1 12/04/2022	<i>Piper nigrum</i> L. Kali Mirch, Kali Marich, Maricha, Black Pepper Family: Piperaceae	Dried fruits	Ms. Suman Jaiswal Amity Institute of Pharmacy Amity University, Lucknow	
NIScPR/RH MD/Consult/ 2022/4071- 72-2 12/04/2022	<i>Curcuma longa</i> L. syn. <i>Curcuma</i> <i>domestica</i> Valetton Haldi, Haridra, Turmeric. Family: Zingiberaceae	Dried rhizomes	Ms. Suman Jaiswal Amity Institute of Pharmacy Amity University, Lucknow	

NIScPR/RH MD/Consult/ 2022/4071- 72-3 12/04/2022	<i>Glycine max</i> Merrill syn. <i>Glycine soja</i> Sieb. & Zucc. Soyabean, Soya, Bhat, Bhatwar Family: Fabaceae	Dried seeds	Ms. Suman Jaiswal Amity Institute of Pharmacy Amity University, Lucknow	
NIScPR/RH MD/Consult/ 2022/4072- 73 13/04/2022	<i>Terminalia arjuna</i> (Roxb.) Wight & Arn. Arjun, Arjuna Family: Combretaceae	Dried flower buds and flowers	Dr. Kameshwari Shri N. P. A. Govt. Ayurved College Raipur, C. G.	
NIScPR/RH MD/Consult/ 2022/4073- 74-1 13/04/2022	<i>Vigna radiata</i> (L.) Wilczek syn. <i>Phaseolus radiatus</i> L. Moong, Mung, Green Gram, Golden Gram Family: Fabaceae	Seeds	Ms. Tamanna Kumari Maharshi Dayanand University Rohtak, Haryana	
NIScPR/RH MD/Consult/ 2022/4073- 74-2 13/04/2022	<i>Azadirachta indica</i> A. Juss. syn. <i>Melia</i> <i>azadirachta</i> L. Neem Tree, Margosa Tree Family: Meliaceae	Leaves	Ms. Tamanna Kumari Maharshi Dayanand University Rohtak, Haryana	

NIScPR/RH MD/Consult/ 2022/4074- 75-1 18/04/2022	<i>Vitis vinifera</i> L. which is commonly known as Grape wine, Grape, Angur, Draksha Family: Vitaceae	Dried fruits	Mr. Yogendra Kumar Shri N. P. A. Govt. Ayurvedic College Raipur- 492 001, C. G.	
NIScPR/RH MD/Consult/ 2022/4074- 75-2 18/04/2022	<i>Nardostachys grandiflora</i> DC. syn. <i>Nardostachys jatamansi</i> DC. Jatamansi, Spike Nard, Balchar Family: Caprifoliaceae	Dried rhizomes	Mr. Yogendra Kumar Shri N. P. A. Govt. Ayurvedic College Raipur- 492 001, C. G.	
NIScPR/RH MD/Consult/ 2022/4074- 75-3 18/04/2022	<i>Rubia cordifolia</i> L. Indian Madder, Majeeth, Manjistha, Manjth Family: Rubiaceae	Dried stem and root pieces	Mr. Yogendra Kumar Shri N. P. A. Govt. Ayurvedic College Raipur- 492 001, C. G.	
NIScPR/RH MD/Consult/ 2022/4074- 75-4 18/04/2022	<i>Elettaria cardamomum</i> (L.) Maton which is Choti Elayechi, Ela Laghu, Lesser Cardamom Family: Zingiberaceae	Capsules (fruits)	Mr. Yogendra Kumar Shri N. P. A. Govt. Ayurvedic College Raipur- 492 001, C. G.	
NIScPR/RH MD/Consult/ 2022/4074- 75-5 18/04/2022	<i>Butea monosperma</i> (Lam.) Taub. syn. <i>Butea frondosa</i> Koenig ex Roxb. Dhak, Flame of the Forest, Palash. Family: Fabaceae	Dried flowers	Mr. Yogendra Kumar Shri N. P. A. Govt. Ayurvedic College Raipur- 492 001, C. G.	

NIScPR/RH MD/Consult/ 2022/4074- 75-7 18/04/2022	<i>Berberis chitria</i> Lindl. syn. <i>Berberis</i> <i>aristata</i> Hook. f. & Thoms. Daru Haldi, Daru haridra, Indian Berberis Family: Berberidaceae	Dried stem and root pieces	Mr. Yogendra Kumar Shri N. P. A. Govt. Ayurvedic College Raipur- 492 001, C. G.	
NIScPR/RH MD/Consult/ 2022/4074- 75-8 18/04/2022	<i>Ocimum sanctum</i> L. Tulsi, Sacred Basil, Holy Basil Family: Lamiaceae	Seeds	Mr. Yogendra Kumar Shri N. P. A. Govt. Ayurvedic College Raipur- 492 001, C. G.	
NIScPR/RH MD/Consult/ 2022/4074- 75-9 18/04/2022	<i>Glycyrrhiza glabra</i> L. Mulethi, Yashtimadhu, Liquorice Family: Fabaceae	Dried roots	Mr. Yogendra Kumar Shri N. P. A. Govt. Ayurvedic College Raipur- 492 001, C. G.	
NIScPR/RH MD/Consult/ 2022/4074- 75-11 18/04/2022	<i>Zingiber officinale</i> Roscoe. Ginger, Sonth Family: Zingiberaceae	Dried rhizomes	Mr. Yogendra Kumar Shri N. P. A. Govt. Ayurvedic College Raipur- 492 001, C. G.	

NIScPR/RH MD/Consult/ 2022/4074- 75-12 18/04/2022	<i>Piper nigrum</i> L. Kaali Mirch, Gol Mirch, Black Pepper Family: Piperaceae	Dried unripe fruits	Mr. Yogendra Kumar Shri N. P. A. Govt. Ayurvedic College Raipur- 492 001, C. G.	
NIScPR/RH MD/Consult/ 2022/4074- 75-14 18/04/2022	<i>Curcuma longa</i> L. syn. <i>Curcuma</i> <i>domestica</i> Valetton Haldi, Haridra, Turmeric Family: Zingiberaceae	Dried rhizomes	Mr. Yogendra Kumar Shri N. P. A. Govt. Ayurvedic College Raipur- 492 001, C. G.	
NIScPR/RH MD/Consult/ 2022/4075- 76 13/04/2022	<i>Lagerstroemia</i> <i>speciosa</i> (L.) Pers. Banaba, Jarul, Queen Crape Myrtle Family: Lythraceae	Aerial parts including leaves fruits and seeds	Mr. Tarsem Maharshi Dayanand University Rohtak, Haryana	
NIScPR/RH MD/Consult/ 2022/4076- 77 13/04/2022	<i>Vitis vinifera</i> L. Common Grape wine, Grape, Angur Family: Vitaceae	Aerial parts	Mr. Ashok Kumar Faculty of Medical, Paramedical & Allied Health Sciences JaganNath University, Jaipur	

NIScPR/RH MD/Consult/ 2022/4077- 78 21/04/2022	<i>Sphaeranthus indicus</i> L. East Indian Globe Thistle, Gorakhmundi, Mundi, Mahamundi Family: Asteraceae	Flowers	Ms. Akansha Chauhan Amity Institute of Physiology & Allied Sciences Amity University, NOIDA	
NIScPR/RH MD/Consult/ 2022/4078- 79 21/04/2022	<i>Erythrina variegata</i> L. syn. <i>Erythrina indica</i> Lam. Indian Coral Tree, Dadap, Mandara, Pangara Family: Fabaceae	Leaves	<i>Erythrina variegata</i> L. syn. <i>Erythrina indica</i> Lam. Indian Coral Tree, Dadap, Mandara, Pangara	
NIScPR/RH MD/Consult/ 2022/4079- 80 22/04/2022	<i>Diospyros malabarica</i> (Desr.) Kostel syn. <i>Diospyros peregrina</i> (Gaertn.) Gurke Gab, Gaub, Kalatendu, Persimmon Family: Fabaceae	Stem bark	Mr. Vinay Kumar Yadav Rameshwaram Institute of Technology and Management Sitapur Road, Lucknow	
NIScPR/RH MD/Consult/ 2022/4080- 81 25/04/2022	<i>Putranjiva roxburghii</i> Wall. Jiaputa, Lucky Bean Tree, Putranjiva, Putrajeevak Family: Putranjivaceae	Dried fruits	Mr. Abhay K. Prajapati All India Institute of Ayurveda Sarita Vihar, New Delhi-110076	

NIScPR/RH MD/Consult/ 2022/4081- 82-1 27/04/2022	<i>Semecarpus anacardium</i> L. Bhallataka, Bhilaavaa, Marking Nut Family: Anacardiaceae	Dried fruits	Dr. Shreshtha Kaushik Dept. of Rasashastra&Bhaish ajya Kalpana All India Institute of Ayurveda Gautampuri, Sarita Vihar New Delhi-110076	
NIScPR/RH MD/Consult/ 2022/4081- 82-2 27/04/2022	<i>Embelia</i> <i>ribes</i> Burm. f. Baividang, Vidanga Family: Myrsinaceae	Mature fruits	Dr. Shreshtha Kaushik Dept. of Rasashastra&Bhaish ajya Kalpana All India Institute of Ayurveda Gautampuri, Sarita Vihar New Delhi-110076	
NIScPR/RH MD/Consult/ 2022/4081- 82-3 27/04/2022	<i>Acorus calamus</i> L. Bach, Gudbach, Ghorbach, Indian Calamus root, Sweet Flag Family: Acoraceae	Rhizomes	Dr. Shreshtha Kaushik Dept. of Rasashastra&Bhaish ajya Kalpana All India Institute of Ayurveda Gautampuri, Sarita Vihar New Delhi-110076	
NIScPR/RH MD/Consult/ 2022/4081- 82-4 27/04/2022	<i>Terminalia bellirica</i> Roxb. Bahera, Belliric Myrobalan, Bibhitaka Family: Combretaceae	Dried fruits and peels (Chilka)	Dr. Shreshtha Kaushik Dept. of Rasashastra&Bhaish ajya Kalpana All India Institute of Ayurveda Gautampuri, Sarita Vihar, New Delhi- 110076	

NIScPR/RH MD/Consult/ 2022/4081- 82-5 27/04/2022	<i>Phyllanthus emblica</i> L. syn. <i>Emblica officinalis</i> Gaertn. Amla, Amalaki, Embelic Myrobalan Family: Phyllanthaceae	Dried fruits	Dr. Shreshtha Kaushik Dept. of Rasashastra&Bhaish ajya Kalpana All India Institute of Ayurveda Gautampuri, Sarita Vihar New Delhi-110076	
NIScPR/RH MD/Consult/ 2022/4081- 82-6 27/04/2022	<i>Terminalia chebula</i> Retz. Harad, Haritaki, Chebulic Myrobalan Family: Combretaceae	Dried fruits	Dr. Shreshtha Kaushik Dept. of Rasashastra&Bhaish ajya Kalpana All India Institute of Ayurveda Gautampuri, Sarita Vihar, New Delhi-110076	
NIScPR/RH MD/Consult/ 2022/4081- 82-7 27/04/2022	<i>Tinospora cordifolia</i> (Willd.) Hook. f. &Thoms. Amrita, Giloe, Giloy, Golancho, Guduchi Family: Menispermaceae	Dried stem pieces	Dr. Shreshtha Kaushik Dept. of Rasashastra&Bhaish ajya Kalpana All India Institute of Ayurveda Gautampuri, Sarita Vihar New Delhi-110076	
NIScPR/RH MD/Consult/ 2022/4081- 82-8 27/04/2022	<i>Zingiber officinale</i> Rosc. Ginger, Sonth, Sunthi Family: Zingiberaceae	Dried rhizomes	Dr. Shreshtha Kaushik Dept. of Rasashastra&Bhaish ajya Kalpana All India Institute of Ayurveda Gautampuri, Sarita Vihar New Delhi-110076	

NIScPR/RH MD/Consult/ 2022/4081- 82-9 27/04/2022	<i>Piper longum</i> L. Pipal, Pippali, Chota Pipal variety Family: Piperaceae	Dried mature fruiting spikes	Dr. Shreshtha Kaushik Dept. of Rasashastra&Bhaish ajya Kalpana All India Institute of Ayurveda Gautampuri, Sarita Vihar New Delhi-110076	
NIScPR/RH MD/Consult/ 2022/4082- 83- 27/04/2022	<i>Aconitum chasmanthum</i> Stapf ex Holmes Bachnag, Indian Aconite, Meetha Telia, Vatsanabh Family: Ranunculaceae	Dried roots	Dr. Niladri Bhattacharjya All India Institute of Ayurveda Gautampuri, Sarita Vihar-110076 New Delhi-110076	
NIScPR/RH MD/Consult/ 2022/4082- 83-2 27/04/2022	<i>Zingiber officinale</i> Rosc. Ginger, Sonth, Sunthi Family: Zingiberaceae	Dried rhizomes	Dr. Niladri Bhattacharjya All India Institute of Ayurveda Gautampuri, Sarita Vihar New Delhi-110076	
NIScPR/RH MD/Consult/ 2022/4082- 83-3 27/04/2022	<i>Piper longum</i> L. Pipal, Pippali Family: Piperaceae	Dried mature fruiting spikes (Chota Pipal variety)	Dr Niladri Bhattacharjya All India Institute of Ayurveda Gautampuri, Sarita Vihar New Delhi-110076	

NIScPR/RH MD/Consult/ 2022/4082- 83-4 27/04/2022	<i>Piper nigrum</i> L. Black Pepper, Golemiricha, Kali Mirch Family: Piperaceae	Unripe fruits	Dr Niladri Bhattacharjya All India Institute of Ayurveda Gautampuri, Sarita Vihar New Delhi-110076	
NIScPR/RH MD/Consult/ 2022/4083- 84-1 25/04/2022	<i>Achyranthes aspera</i> L. Apamarg, Latjira, Prickly Chaff Flower Family: Amaranthaceae	Fresh whole plant	Dr. Manish Kumar Saini All India Institute of Ayurveda Sarita Vihar, New Delhi-110076	
NIScPR/RH MD/Consult/ 2022/4083- 84-2 25/04/2022	<i>Aloe vera</i> (L.) Burm. f. syn. <i>Aloe barbadensis</i> Miller Aloe, Barbados Aloe, Indian Aloe, Ghee-Kunvar, Ghrit Kumari Family: Asphodelaceae	Fresh leaves	Dr. Manish Kumar Saini All India Institute of Ayurveda Sarita Vihar, New Delhi-110076	
NIScPR/RH MD/Consult/ 2022/4083- 84-3 25/04/2022	<i>Macrotyloma uniflorum</i> (Lam.) Verdc. syn. <i>Dolichos uniflorus</i> Lam. Kulthi Family: Fabaceae	Seeds	Dr. Manish Kumar Saini All India Institute of Ayurveda Sarita Vihar, New Delhi-110076	

NIScPR/RH MD/Consult/ 2022/4085- 86 28/04/2022	<i>Tephrosia purpurea</i> (L.) Pers. Sarphonka, Wild Indigo Family: Fabaceae	Dried fruiting aerial parts	Ms. Akansha Singh BIU College of Pharmacy Bareilly-243006	
NIScPR/RH MD/Consult/ 2022/4086- 87 28/04/2022	<i>Nardostachys grandiflora</i> DC. syn. <i>Nardostachysjatam ansi</i> DC. Balchar, Jatamansi, Spike Nard Family: Valerianaceae	Dried rhizomes	Ms. Ratnanjali Pandey Hygia Group of Institutions AKTU, Lucknow, U P	
NIScPR/RH MD/Consult/ 2022/4087- 88 28/04/2022	<i>Delonix regia</i> (Hook.) Raf. syn. <i>Poinciana regia</i> Bojer ex Hook. Gulmohr, Flamboyant Flame Tree, Gold Mohur Family: Fabaceae	Aerial parts	Mr. Sandeep Singh Amity University (Manesar), Gurgaon	
NIScPR/RH MD/Consult/ 2022/4088- 89 28/04/2022	<i>Calotropis gigantea</i> (L.) Ait. f. Raktarka, Moto- aak, Bowstring Hemp, Gigantic Swallow-wort, Milkweed Family: Apocynaceae	Leaves	Dr. Ruchi Shrivastava Govt. Ayurved College Raipur, Chattisgarh- 492 010	

NIScPR/RH MD/Consult/ 2022/4089- 90-1 28/04/2022	<i>Blumea lacera</i> (Burm. f.) DC. syn. <i>Conyza lacera</i> Burm. f. Jangli Muda, Janglimuli, K akranda, Kakronda, Kukundar, Malay Blumea Family: Asteraceae	Leaves	Dr. Navita Mandavi Govt. Ayurved College Raipur, Chhattisgarh-492 010	
NIScPR/RH MD/Consult/ 2022/4089- 90-2 28/04/2022	<i>Chromolaena odorata</i> (L.) R. M. King & H. Rob. syn. <i>Eupatorium odoratum</i> L. Christmas Bush, Communist Weed, Tivragandha Family: Asteraceae	Leaves	Dr. Navita Mandavi Govt. Ayurved College Raipur, Chhattisgarh-492 010	
NIScPR/RH MD/Consult/ 2022/4090- 91 29/04/2022	<i>Thuja orientalis</i> L. syn. <i>Biota orientalis</i> Endl. Morpankhi, Mayurpankhi, Oriental Arbor- Vitae Family: Cupressaceae	Leaves	Mr. Kanhaiya Sisodiya Rajiv Academy for Pharmacy Chhatikara, Mathura-281001 Uttar Pradesh	
NIScPR/RH MD/Consult/ 2022/4091- 92 29/04/2022	<i>Thuja orientalis</i> L. syn. <i>Biota orientalis</i> Endl. Morpankhi, Mayurpankhi, Oriental Arbor- Vitae Family: Cupressaceae	Leaves	Mr. Krishna Babu Ojha Rajiv Academy for Pharmacy Chhatikara, Mathura-281001 Uttar Pradesh	

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NIScPR/RH MD/Consult/ 2022/4092- 93-1 2/05/2022	<i>Tribulus terrestris</i> L. Chota Gokhru, Gokhru, Gokshra, Small Caltrop Seed Family: Zygophyllaceae	Fruits	Ms. Meenakshi Malhotra St. Soldier Institute of Pharmacy Lidhran Campus, Behind REC (NIT) Jalandhar City	
NIScPR/RH MD/Consult/ 2022/4092- 93-2 2/05/2022	<i>Curcuma longa</i> L. syn. <i>Curcuma</i> <i>domestica</i> Valetton Haldi, Haridra, Turmeric Family: Zingiberaceae	Rhizomes	Ms. Meenakshi Malhotra St. Soldier Institute of Pharmacy Lidhran Campus, Behind REC (NIT) Jalandhar City	
NIScPR/RH MD/Consult/ 2022/4092- 93-3 2/05/2022	<i>Catharanthus roseus</i> (L.) G. Don syn. <i>Vinca rosea</i> L. Sadabahar, Madagascar or Red Periwinkle Family: Apocynaceae	Leaves and flowers	Ms. Meenakshi Malhotra St. Soldier Institute of Pharmacy Lidhran Campus, Behind REC (NIT) Jalandhar City	
NIScPR/RH MD/Consult/ 2022/4093- 94-1 2/05/2022	<i>Coffea arabica</i> L. Arabian coffee Family: Rubiaceae	Seeds or beans	Ms. Jaspreet Kaur St. Soldier Institute of Pharmacy Lidhran Campus, Behind REC (NIT) Jalandhar City	

NIScPR/RH MD/Consult/ 2022/4093- 94-2 2/05/2022	<i>Glycyrrhiza glabra</i> L. Liquorice, Mulethi, Yashti-madhu Family: Fabaceae	Dried roots	Ms. Jaspreet Kaur St. Soldier Institute of Pharmacy Lidhran Campus, Behind REC (NIT) Jalandhar City	
NIScPR/RH MD/Consult/ 2022/4094- 95-1 2/05/2022	<i>Coriandrum sativum</i> L. Coriander, Dhanya, Dhania Family: Apiaceae	Stem, leaves and fruits (inclosing seeds)	Ms. Kiran Bala St. Soldier Institute of Pharmacy Lidhran Campus, Behind REC (NIT) Jalandhar City	
NIScPR/RH MD/Consult/ 2022/4094- 95-2 2/05/2022	<i>Holarrhena</i> <i>pubescens</i> (Buch.- Ham.) Wall. syn. <i>Holarrhena antidysent</i> <i>erica</i> (Roth) DC. Kutaj Chal, Kurchi bark Family: Apocynaceae	Dried stem bark pieces	Ms. Kiran Bala St. Soldier Institute of Pharmacy Lidhran Campus, Behind REC (NIT) Jalandhar City	
NIScPR/RH MD/Consult/ 2022/4095- 96-1 2/05/2022	<i>Camellia sinensis</i> (L.) Kuntze Kangra Green tea Family: Theaceae	Dried leaves	Ms. Pooja Tandon St. Soldier Institute of Pharmacy Lidhran Campus, Behind REC (NIT) Jalandhar City	

NIScPR/RH MD/Consult/ 2022/4095- 96-2 2/05/2022	<i>Daucus carota</i> L. var. <i>sativa</i> DC. Cultivated Carrot, Gajar Family: Apiaceae	Roots	Ms. Pooja Tandon St. Soldier Institute of Pharmacy Lidhran Campus, Behind REC (NIT) Jalandhar City	
NIScPR/RH MD/Consult/ 2022/4096- 97 2/05/2022	<i>Cymbopogon citrates</i> (DC.) Stapf syn. <i>Andropogon citrates</i> DC. Agyaghas, Agin Ghas, Gandhatrina, West Indian Lemongrass Family: Poaceae	Vegetative whole plant	Ms. Kritika Wadhwa St. Soldier Institute of Pharmacy Lidhran Campus, Behind REC (NIT) Jalandhar City	
NIScPR/RH MD/Consult/ 2022/4097- 98-1 17/05/2022	<i>Phyllanthus emblica</i> L. syn. <i>Emblica</i> <i>officinalis</i> Gaertn. Amla, Anvala, Embelic Myrobalan Family: Phyllanthaceae	Dried fruits	Dr. Himani Arya Govt. Ayurveda Medical College Raipur, C. G.	
NIScPR/RH MD/Consult/ 2022/4097- 98-2 17/05/2022	<i>Acorus calamus</i> L. Bach, Gudbach, Ghorbach, Indian Calamus root Family: Acoraceae	Rhizomes	Dr. Himani Arya Govt. Ayurveda Medical College Raipur, C. G	

NIScPR/RH MD/Consult/ 2022/4099- 100 17/05/2022	<i>Sanseveria trifasciata</i> Prain Mother-in Law's Tongue, Saint George's Sword, Snake Plant Family: Asparagaceae	Leaves	Ms. Sakshi Srivastava Hygia Institute of Pharmaceutical Education & Research Lucknow, U P	
NIScPR/RH MD/Consult/ 2022/4100- 01 19/05/2022	<i>Plumeria obtusa</i> L. Frangipani, White Champa Family: Apocynaceae	Leaves	Mrs. Sapna Salar Dept. of Pharmaceutical Sciences Apex University Sector 5, Mansarovar Jaipur, Rajasthan	
NIScPR/RH MD/Consult/ 2022/4101- 02 17/05/2022	<i>Calotropis procera</i> (Ait.) Dryand. Milkweed, Swallow- Wort, Ak, Akada, Madar Family: Apocynaceae	Aerial parts including leaves, buds and flowers	Mr. YasharthAgrahari GLA University, Mathura 17 Km, NH-2, Chaumuha, P. O. Pincode-281406	
NIScPR/RH MD/Consult/ 2022/4102- 03-1 18/05/2022	<i>Nyctanthes arbor- tristis</i> L. Coral Jasmine, Night Jasmine, Harsingar, Parijat Family: Oleaceae	Flowering and fruiting aerial parts	Ms. Amulya Kumari University Department of Botany Basic Science Building Ranchi University, Morabadi Ranchi-834008, Jharkhand	

NIScPR/RH MD/Consult/ 2022/4102- 03-2 18/05/2022	<i>Bauhinia variegata</i> L. Kachnar, Mountain Ebony Family: Fabaceae	Flowering and fruiting aerial parts	Ms. Amulya Kumari University Department of Botany Basic Science Building Ranchi University, Morabadi Ranchi-834008, Jharkhand	
NIScPR/RH MD/Consult/ 2022/4103- 04-1 18/05/2022	<i>Enicostema axillare</i> subsp. <i>littorale</i> (Blume) A. Raynal syn. <i>Enicostema</i> <i>littorale</i> Blume Chota Chirayata, White head Family: Gentianaceae	Dried whole plant	Dr. Bhawna Dravyaguna Department National Institute of Ayurveda Jaipur-302002, Rajasthan	
NIScPR/RH MD/Consult/ 2022/4103- 04-2 18/05/2022	<i>Curcuma longa</i> L. syn. <i>Curcuma</i> <i>domestica</i> Valetton Curcuma, Haldi, Turmeric Family: Zingiberaceae	Dried rhizomes	Dr. Bhawna Dravyaguna Department National Institute of Ayurveda Jaipur- 302002, Rajasthan	
NIScPR/RH MD/Consult/ 2022/4103- 04-3 18/05/2022	<i>Phyllanthus emblica</i> L. syn. <i>Emblica</i> <i>officinalis</i> Gaertn. Amla, Amalaki, Embelic Myrobalan Family: Phyllanthaceae	Dried fruits	Dr. Bhawna Dravyaguna Department National Institute of Ayurveda Jaipur-302002, Rajasthan	

NIScPR/RH MD/Consult/ 2022/4104- 05-1 19/05/2022	<i>Tinospora cordifolia</i> (Willd.) Hook. f. & Thoms. Amrita, Giloe, Giloy, Golantha Family: Menispermaceae	Stem and leaves	Dr. AnkuBala Dravyaguna Department National Institute of Ayurveda Jaipur- 302002, Rajasthan	
NIScPR/RH MD/Consult/ 2022/4104- 05-2 19/05/2022	<i>Ficus benghalensis</i> L. Banyan Tree, Bar, Bargad, Vat Family: Moraceae	Dried pieces of aerial root	Dr. AnkuBala Dravyaguna Department National Institute of Ayurveda Jaipur-302002, Rajasthan	
NIScPR/RH MD/Consult/ 2022/4104- 05-3 19/05/2022	<i>Nardostachys grandiflora</i> DC. syn. <i>Nardostachys jatamansi</i> DC. Balchar, Jatamansi, Spike Nard Family: Valerianaceae	Dried rhizomes	Dr. AnkuBala Dravyaguna Department National Institute of Ayurveda Jaipur-302002, Rajasthan	
NIScPR/RH MD/Consult/ 2022/4105- 06-1 19/05/2022	<i>Phyllanthus emblica</i> L. syn. <i>Emblica officinalis</i> Gaertn. Amla, Amalaki, Embelic Myrobalan Family: Phyllanthaceae	Dried fruits	Dr. Sunder Singh Dravyaguna Department National Institute of Ayurveda Jaipur-302002, Rajasthan	

NIScPR/RH MD/Consult/ 2022/4105- 06-2 19/05/2022	<i>Curcuma longa</i> L. syn. <i>Curcuma domestica</i> Valetton Curcuma, Haldi, Turmeric Family: Zingiberaceae	Dried rhizomes	Dr. Sunder Singh Dravyaguna Department National Institute of Ayurveda Jaipur-302002, Rajasthan	
NIScPR/RH MD/Consult/ 2022/4105- 06-3 19/05/2022	<i>Enicostema axillare</i> subsp. <i>littorale</i> (Blume) A. Raynal syn. <i>Enicostema littorale</i> Blume Chota Chirayata, White head Family: Gentianaceae	Dried whole plant	Dr. Sunder Singh Dravyaguna Department National Institute of Ayurveda Jaipur-302002, Rajasthan	
NIScPR/RH MD/Consult/ 2022/4108- 09-2 17/05/2022	<i>Dolichos biflours</i> L. Horsegram, Kulthi Family: Fabaceae	Leaves	Ms. Monika Singh Assistant Professor Department of Pharmacology I.T.S. College of Pharmacy Delhi-Meerut Road, Muradnagar Ghaziabad-201206	
NIScPR/RH MD/Consult/ 2022/4108- 09-3 17/05/2022	<i>Crateva nurvala</i> Buch.-Ham. syn. <i>Crateva religiosa</i> var. <i>nurvala</i> (Buch.-Ham.) Hook. f. & Thoms. Varuna, Barna Chal, Three Leaved Caper Bark Family: Capparidaceae	Stem bark	Ms. Monika Singh Assistant Professor Department of Pharmacology I.T.S. College of Pharmacy Delhi-Meerut Road, Muradnagar Ghaziabad-201206	

NIScPR/RH MD/Consult/ 2022/4111- 12 19/05/2022	<i>Psidium guajava</i> L. Common guava, Guava, Amrud Family: Myrtaceae	Leaves	Ms. Lekshmi S.R. Kerala University of Fisheries & Ocean Studies Panangad, Kochi- 682506	
NIScPR/RH MD/Consult/ 2022/4112- 13 18/05/2022	<i>Psidium guajava</i> L. Common guava, Guava, Amrud Family: Myrtaceae	Leaves	Mr. Khushhal Shakya Rajiv Academy for Pharmacy Mathura, U P	
NIScPR/RH MD/Consult/ 2022/4113- 14 19/05/2022	<i>Bacopa monnieri</i> (L.) Wettst. Brahmi, Nir Brahmi, Jalneem, Indian Pennywort Family: Plantaginaceae	Whole vegetative plant	Km. Ankush Pharmacy Academy IFTM, University, Moradabad	
NIScPR/RH MD/Consult/ 2022/4114- 15-1 19/05/2022	<i>Argyreia nervosa</i> (Burm.f.) Boj. syn. <i>Argyreia speciosa</i> Sweet Bidhara, Elephant Creeper, Samudrasokh Family: Convolvulaceae	Leaves	Ms. Swetza Singh School of Pharmacy Babu Banarasi Das University Faizabad Road, Lucknow-226028	
NIScPR/RH MD/Consult/ 2022/4114- 15-2 19/05/2022	<i>Chenopodium album</i> L. Lamb's Quarter, White Goosefoot, Wild Spinach, Bathua sag Family: Amaranthaceae	Leaves	Ms. Swetza Singh School of Pharmacy Babu Banarasi Das University Faizabad Road, Lucknow-226028	

NIScPR/RH MD/Consult/ 2022/4114- 15-3 19/05/2022	<i>Moringa oleifera</i> Lam. Drumstick Tree, Horse Radish Tree, Sainjna Family: Moringaceae	Leaves	Ms. Swetza Singh School of Pharmacy Babu Banarasi Das University Faizabad Road, Lucknow-226028	
NIScPR/RH MD/Consult/ 2022/4115- 16 24/05/2022	<i>Capparis zeylanica</i> L. syn. <i>Capparis horrida</i> L. f. Ardanda, Karambha Family: Capparaceae	Leaves	Mr. Mohammad Zaved Siddhartha Institute of Pharmacy Do Bacchi Road, Near IT Park Sahastradhara Road, Dehradun- 248001, Uttarakhand	
NIScPR/RH MD/Consult/ 2022/4117- 18 27/05/2022	<i>Bacopa monnieri</i> (L.) Wettst. Brahmi, Jalneem, Indian Pennywort, Nir Brahmi Family: Plantaginaceae	Whole vegetative plant	Ms. Nazia Afreen Lab. No. 414 Department of Biotechnology Ramanujan Block, Jamia Millia Islamia, New Delhi-110025	
NIScPR/RH MD/Consult/ 2022/4118- 19 27/05/2022	<i>Carica papaya</i> L. Papaya, Papeeta, Papaw Tree Family: Caricaceae	Fresh leaves	Ms. Aqsa Rafi Lab. No. 414 Department of Biotechnology Ramanujan Block, Jamia Millia Islamia New Delhi-110025	

NIScPR/RH MD/Consult/ 2022/4119- 20 27/05/2022	<i>Prunus amygdalus</i> var. <i>amara</i> (DC.) Focke Bitter almond, KadwaBadam Family: Rosaceae	Seeds	Ms. Areeba Rahman Lab. No. 414 Department of Biotechnology Ramanujan Block, Jamia Millia Islamia New Delhi-110025	
NIScPR/RH MD/Consult/ 2022/4120- 21 27/05/2022	<i>Vitex negundo</i> L. Nirgundi, Samhalu Family: Lamiaceae	Leaves	Ms. Garima Sahu Sarojini Girls Hostel Bharat Institute of Technology Partapur By-Pass Road, Meerut (U. P.)	
NIScPR/RH MD/Consult/ 2022/4121- 22 27/05/2022	<i>Cinnamomum verum</i> Presl syn. <i>Cinnamomum</i> <i>zeylanicum</i> Blume Cinnamon, Ceylon Cinnamon, Dalchini Family: Lauraceae	Dried stem bark	Ms. Nilika Tyagi I.T.S. College of Pharmacy Delhi-Meerut Road, Muradnagar Ghaziabad-201206	
NIScPR/RH MD/Consult/ 2022/4122- 23 31/05/2022	<i>Ficus benghalensis</i> L. Banyan Tree, Bar, Bargad, Vat Family: Moraceae	Aerial parts including stem bark	Ms. Preeti Singh c/o Dr. Asha Sharma Department of Botany MDU, Rohtak, Haryana-124001, India	

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NISCAIR/ RHMD/Consult/2022/ 4123-24-1- 9,29/6/2022	<i>Ocimum sanctum</i> L. Holy Basil, Sacred Basil, Tulsi Family: Lamiaceae	Dried leaves	Quality Certified & Standardized Herbals Pvt. Ltd. 3 rd Floor, Sagar Plaza, District Centre Laxmi Nagar, Vikas Marg Delhi-110092	
NIScPR/R HMD/Consult/2022/41 24-25-1 02/6/2022	<i>Berberis aristata</i> DC. Daruharidra Family: Berberidaceae	Stem bark	Km. Monika School of Pharmaceutical Sciences IFTM University Moradabad (Lodhipur)	
NIScPR/R HMD/Consult/2022/41 24-25-2 02/6/2022	<i>Carum carvi</i> L. Caraway, Jeera Shyah, Shah Jeera, Shia-jira Family: Apiaceae	Fruits (mericarps)	Km. Monika School of Pharmaceutical Sciences IFTM University Moradabad (Lodhipur)	
NIScPR/R HMD/Consult/2022/41 24-25-3 02/6/2022	<i>Peucedanum grande</i> C.B. Clarke Daku, Sathakuppai, Wild Carrot Family: Apiaceae	Dried fruits	Km. Monika School of Pharmaceutical Sciences IFTM University Moradabad (Lodhipur)	

NIScPR/R HMD/Consult/2022/41 25-26 03/6/2022	<i>Alstonia scholaris</i> R. Br. Chatian, Devil's Tree, Saptaparna Family: Apocynaceae	Fruits	Mr. Vivek Kumar School of Pharmaceutical Sciences IFTM University Moradabad (Lodhipur), U. P.	
NIScPR/R HMD/Consult/2022/41 26-27 02/6/2022	<i>Tinospora cordifolia</i> (Willd.) Hook. f. & Thoms. Amrita, Giloe, Giloy, Golancha Family: Menispermaceae	Fresh leaves	Dr. Varisha Anjum CSIR-RA Fellow CSIR-Central Drug Research Institute Lucknow - 226031	
NIScPR/R HMD/Consult/2022/41 27-28 03/6/2022	<i>Morus alba</i> L. Mulberry, Shahtut, White Mulberry Family: Moraceae	Leaves	Mr. Saurabh Mishra School of Pharmaceutical Sciences Delhi Pharm. Sci. & Res. University (DPSRU) PushpVihar, Delhi-110017	
NIScPR/R HMD/Consult/2022/41 28-29 03/6/2022	<i>Maytenus</i> <i>emarginata</i> (Willd.) Ding-Hou Kankera, Thorny Staff Tree Family: Celastraceae	Vegetative aerial parts	Ms. Supriya Sharma School of Pharmaceutical Sciences, DPSRU, PushpVihar, Delhi-110017	

NIScPR/RHMD/Consult/2022/4129-30-1 03/6/2022	<i>Ricinus communis</i> L. Castor, Erand, Erandi Family: Euphorbiaceae	Leaves	Dr. Manju Dravyaguna Department National Institute of Ayurveda Jaipur-302002, Rajasthan	
NIScPR/RHMD/Consult/2022/4129-30-2 03/6/2022	<i>Ferulaassa-foetida</i> L. Asafoetida, Heeng, Hing, Hingu Family: Apiaceae	Oleo-gum resin from rhizomes and tap roots	Dr. Manju Dravyaguna Department National Institute of Ayurveda Jaipur-302002, Rajasthan	
NISCAIR/RHMD/Consult/2021/4130-31 6/6/2022	<i>Prunus persica</i> (L.) Batsch Aru, Peach, Nectarine Family: Rosaceae	Dried leaves	Ms. Arshdeep Kaur GHG Khalsa College of Pharmacy Gurusar, Sadhar Ludhiana, Punjab	
NISCAIR/RHMD/Consult/2021/4131-32 8/6/2022	<i>Cyperus scariosus</i> R. Br. Nagarmotha Family: Cyperaceae	Vegetative whole plant	Ms. Ashfa Zubair Hygia Institute of Pharmaceutical Education and Research Lucknow-226020	

NISCAIR/ RHMD/Consult/2021/ 4132-33-1 10/6/2022	<i>Citrus limon</i> (L.) Burm.f. Acid Lemon, Nimbu Family: Rutaceae	Leaves	Ms. Sunita Yadav Department of Pharmacognosy Rameshwaram Institute of Technology & Management Sitapur Road, Lucknow- 227202, U. P.	
NISCAIR/ RHMD/Consult/2021/ 4132-33-2 10/6/2022	<i>Aegle marmelos</i> Correa ex Roxb. Bael, Bilva, Sripthal Family: Rutaceae	Leaves	Ms. Sunita Yadav Department of Pharmacognosy Rameshwaram Institute of Technology & Management Sitapur Road, Lucknow- 227202, U. P.	
NISCAIR/ RHMD/Consult/2021/ 4132-33-3 10/6/2022	<i>Punica granatum</i> L. Anar, Dadim, Pomegranate Family: Lythraceae	Leaves	Ms. Sunita Yadav Department of Pharmacognosy Rameshwaram Institute of Technology & Management Sitapur Road, Lucknow- 227202, U. P.	
NISCAIR/ RHMD/Consult/2021/ 4134-35 15/6/2022	<i>Zingiber officinale</i> Rosc. Adarak, Ginger Family: Zingiberaceae	Dried rhizomes	Dr. Bhawna Bhardwaj A & U Tibbia College Karol Bagh, Delhi-110005	

NISCAIR/ RHMD/Consult/2021/ 4135-36 16/6/2022	<i>Digitaria eriantha</i> Steud. Pangola grass, Crab grass Family: Poaceae	Aerial parts	Ms. Kanupriya Baba Mastnath University Rohtak, Haryana	
NISCAIR/ RHMD/Consult/2021/ 4136-37 16/6/2022	<i>Terminalia arjuna</i> Wight & Arn. Arjun Family: Combretaceae	Dried stem bark	Dr. Bhumika A & U Tibbia College & Hospital Karol Bagh, Delhi-110005	
NISCAIR/ RHMD/Consult/2021/ 4137-38 16/6/2022	<i>Betula utilis</i> D. Don Bhojpatra, Indian Paper Birch Family: Betulaceae	Dried thin outer papery stem bark	Dr. Monika Kunwar A & U Tibbia College & Hospital Karol Bagh, Delhi-110005	
NISCAIR/ RHMD/Consult/2021/ 4138-39-1 16/6/2022	<i>Barleria prionitis</i> L. Jhinti, Katsareya, Piabansa Family Acanthaceae	Dried roots	Dr. Lalita Dahiya A & U Tibbia College & Hospital Karol Bagh New Delhi- 110005	

NISCAIR/ RHMD/Consult/2021/ 4138-39-3 16/6/2022	<i>Asparagus racemosus</i> Willd. Satawar, Shatavari, Satmooli Family: Asparagaceae	Dried roots	Dr. Lalita Dahiya A & U Tibbia College & Hospital Karol Bagh New Delhi-110005	
NISCAIR/ RHMD/Consult/2021/ 4138-39-4 16/6/2022	<i>Carissa carandas</i> L. Karaunda, Karamarda Family: Apocynaceae	Dried roots	Dr. Lalita Dahiya A & U Tibbia College & Hospital Karol Bagh New Delhi-110005	
NISCAIR/ RHMD/Consult/2021/ 4138-39-5 16/6/2022	<i>Capparis spinosa</i> L. Himsra, Gridhnaki Family: Capparaceae	Dried roots	Dr. Lalita Dahiya A & U Tibbia College & Hospital Karol Bagh New Delhi-110005	
NISCAIR/ RHMD/Consult/2021/ 4139-40-1 16/6/2022	<i>Holoptelea integrifolia</i> Planch. Chilbil, Kanju, Indian Elm Family: Ulmaceae	Stem bark	Dr. Tripti Tyagi A & U Tibbia College Karol Bagh New Delhi-110005	

NISCAIR/ RHMD/Consult/2021/ 4139-40-2 16/6/2022	<i>Cyperus rotundus</i> L. Motha, Musta, Nutgrass Tubers Family: Cyperaceae	Tubers (born on roots)	Dr. Tripti Tyagi A & U Tibbia College Karol Bagh New Delhi- 110005	
NISCAIR/ RHMD/Consult/2021/ 4140-41-1 17/6/2022	<i>Murraya paniculata</i> (L.) Jack Kamini, Orange Jessamine Family: Rutaceae	Leaves	Mrs. Anjali Singh IFTM University Lodhipur Rajput, Delhi (NH-24) Moradabad- 244102, U P	
NISCAIR/ RHMD/Consult/2021/ 4140-41-2 17/6/2022	<i>Prunus armeniaca</i> L. Khubani, Common Apricot Family: Rosaceae	Leaves	Mrs. Anjali Singh IFTM University Lodhipur Rajput, Delhi (NH-24) Moradabad- 244102, U P	
NISCAIR/ RHMD/Consult/2021/ 4141-42-2 17/6/2022	<i>Trigonella foenum-graecum</i> L. Fenugreek, Methi Family: Fabaceae	Seeds	Mr. Shivam School of Pharmaceutical Sciences IFTM University Moradabad- 244102, U P	
NISCAIR/ RHMD/Consult/2021/ 4142-43-1 17/6/2022	<i>Nigella sativa</i> L. Small Fennel, Black Cumin, Kalonji Family: Ranunculaceae	Seeds	Ms. Rini Singhal Department of Pharmacy IFTM University, Lodhipura Rajput Moradabad- 244102, U P	

NISCAIR/ RHMD/Consult/2021/ 4143-44-1 27/6/2022	<i>Tagetes erecta</i> L. Aztec, African Marigold, Genda, Gultera Family: Asteraceae	Leaves	Ms. Pratibha Sharma Department of Pharmacy Banasthali Vidyapith Rajasthan- 304022	
NISCAIR/ RHMD/Consult/2021/ 4143-44-2 27/6/2022	<i>Catharanthus roseus</i> (L.) G. Don syn. <i>Vinca rosea</i> L. Madagascar or Red Periwinkle, Sadabahar, Sadasuhagan Family: Apocynaceae	Leaves	Ms. Pratibha Sharma Department of Pharmacy Banasthali Vidyapith Rajasthan- 304022	
NISCAIR/ RHMD/Consult/2021/ 4143-44-3 27/6/2022	<i>Dalbergia sissoo</i> Roxb. Sissoo, Shisham Family: Fabaceae	Leaves	Ms. Pratibha Sharma Department of Pharmacy Banasthali Vidyapith Rajasthan- 304022	
NISCAIR/ RHMD/Consult/2021/ 4143-44-4 27/6/2022	<i>Lawsonia inermis</i> L. syn. <i>Lawsonia alba</i> Lam. Henna, Egyptian privet, Mehndi Family: Lythraceae	Leaves	Ms. Pratibha Sharma Department of Pharmacy Banasthali Vidyapith Rajasthan- 304022	

NISCAIR/ RHMD/Consult/2021/ 4144-45-1 28/6/2022	<i>Gloriosa superba</i> L. Kalihari Mool, Langli, Glory Lily, Malabar Lily Family: Colchicaceae	Roots	Dr. Tejaswini Dhiraj Buchade All India Institute of Ayurveda Sarita Vihar, New Delhi	
NISCAIR/ RHMD/Consult/2021/ 4144-45-2 28/6/2022	<i>Saussurea lappa</i> C. B. Clarke Kushtha, Kutha, Costus Root Family: Asteraceae	Dried roots	Dr. Tejaswini Dhiraj Buchade All India Institute of Ayurveda Sarita Vihar, New Delhi	
NISCAIR/ RHMD/Consult/2021/ 4144-45-3 28/6/2022	<i>Lagenaria siceraria</i> (Mol.) Standl. syn. <i>Lagenaria vulgaris</i> Ser. Katutumbi, Tumbi, Bottle Gourd, Calabash Gourd, Lauki Family: Cucurbitaceae	Dried fruits	Dr. Tejaswini Dhiraj Buchade All India Institute of Ayurveda Sarita Vihar, New Delhi	
NISCAIR/ RHMD/Consult/2021/ 4144-45-4 28/6/2022	<i>Betula utilis</i> D. Don Bhojpatra, Bhurjatwak, Indian Paper Birch Family: Betulaceae	Dried thin outer papery stem bark	Dr. Tejaswini Dhiraj Buchade All India Institute of Ayurveda Sarita Vihar, New Delhi	

NISCAIR/ RHMD/Consult/2021/ 4144-45-5 28/6/2022	<i>Brassica campestris</i> L. cultivar Yellow Sarson Family: Brassicaceae	Seeds	Dr. Tejaswini Dhiraj Buchade All India Institute of Ayurveda Sarita Vihar, New Delhi	
NISCAIR/ RHMD/Consult/2021/ 4146-47 27/6/2022	<i>Cucumis melo</i> var. <i>utilissimus</i> Duthie & Fuller Kakdi, Armenian Cucumber, Snake Cucumber Family: Cucurbitaceae	Seeds	Ms. Priya Vats School of Medical & Allied Sciences K. R. Mangalam Univ. Gurgaon-122103	
NISCAIR/ RHMD/Consult/2021/ 4147-48 27/6/2022	<i>Agaricus bisporus</i> (Lange) Sing White Button Mushroom Family: Agaricaceae	Fruit bodies	Ms. Shweta Khrub School of Medical & Allied Sciences K. R. Mangalam Univ. Gurgaon-122103	
NISCAIR/ RHMD/Consult/2021/ 4148-49 28/6/2022	<i>Basella alba</i> L. var. <i>rubra</i> (L.) Stewart syn. <i>Basella rubra</i> L. Poi, Red Vine Spinach Family: Basellaceae	Vegetative aerial parts including leaves and stem	Dr. Annu Sharma A & U Tibbia College New Delhi- 110005	

NISCAIR/ RHMD/Consult/2021/ 4149-50 28/6/2022	<i>Prunus cerasoides</i> D. Don syn. <i>Prunus puddum</i> Roxb. ex Wall. Himalayan wild cherry, Padmaka, Paddam Family: Rosaceae	Stems	Dr. Isha Sharma A & U Tibbia College New Delhi-110005	
NISCAIR/ RHMD/Consult/2021/ 4150-51 27/6/2022	<i>Mansoa alliacea</i> (Lam.) A. H. Gentry syn. <i>Bignonia alliacea</i> Lam. Garlic Vine Family: Bignoniaceae	Leaves	Ms. Monika Singh ITS College of Pharmacy Delhi-Meerut Road, Muradnagar Ghaziabad-201206	
NISCAIR/ RHMD/Consult/2021/ 4151-52 30/6/2022	<i>Solanum lycopersicum</i> L. Tomato, Tamatar Family: Solanaceae	Vegetative aerial	Ms. Amarjeet Kaur V.P. O. Bhatian Tehsil- Nalagarh Distt.- Solan, H P-174101	
NISCAIR/ RHMD/Consult/2021/ 4152-53-1 30/6/2022	<i>Jasminum grandiflorum</i> L. Jasmine, Chameli, Spanish Jasmine Family: Oleaceae	Leaves	Mr. Abadhesh Kumar Niranjana Hygia Institute of Pharmaceutical Education & Research Lucknow - 226020	

NISCAIR/ RHMD/Consult/2021/ 4152-53-2 30/6/2022	<i>Psidium guajava</i> L. Common Guava, Amrud Family: Myrtaceae	Leaves	Mr. Abadhesh Kumar Niranjana Hygia Institute of Pharmaceutical Education & Research Lucknow - 226020	
NISCAIR/ RHMD/Consult/2021/ 4153-54 30/6/2022	<i>Tinospora cordifolia</i> (Willd.) Miers ex Hook.f. & Thoms. Amrita, Giloy, Guruchi Family: Menispermaceae	Stems	Mr. Krishna Chandra Yadav Hygia Institute of Pharmaceutical Education & Research Lucknow - 226013	
NISCAIR/ RHMD/Consult/2021/ 4154-55 30/6/2022	<i>Nyctanthes arbor-tristis</i> L. Harsingar, Parijat, Night Jasmine, Coral Jasmine, Seoli Family: Oleaceae	Leaves	Ms. Richa Mishra Department of Pharmacy Rameshwaram Institute of Technology and Management Sitapur Road, Lucknow	

PLANT OF THE MONTH

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.



***Psidium guajava* L.**

Family: Myrtaceae

English and Vernacular Names: Hindi- Amrud; English- Common Guava

Distribution and Cultivation: A native of Tropical America. Naturalized in India. Several varieties and cultivars are found in India. Propagated by seeds or by cuttings.

Description: Small trees. Leaves light green. Fruits green to yellowish green on ripening; pulp also varies from yellowish to creamish in colour, sometimes reddish as per cultivars. Seeds hard, stony; seedless varieties have also been developed.

Uses: Guava is one of the richest natural sources of vitamin C as compared to citrus fruits. Guava jam, jellies, concentrate and canned guava are also prepared on commercial scale. Not only fruits but leaves are also used for various purposes. Mature leaves and stem bark contain good percentage of tannins which is applicable in heavy leather tanning. Leaves contain an aromatic essential oil which could be used in flavouring. Crushed fresh leaves pulp is applied on wound, rheumatic pains and gargle of leaves relieves toothache and makes gums strong. Flowers are used in bronchitis and as anthelmintics. Decoction of young leaves is reported to be effective in hepatitis. Guava seeds oil contain good amount of linoleic acid than sunflower, groundnut, olive, soyabean and coconut oil.

Published by

Dr. Ranjana Aggrawal on behalf of CSIR-National Institute of Science Communication
and Policy Research (NIScPR),

Dr K. S. Krishnan Marg, Pusa Campus, New Delhi-110012

Editor: R. S. Jayasomu, Head, Raw Materials Herbarium and Museum (RHMD)

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Chief Scientist & Head RHMD, Wealth of India, Sales and Marketing; Founder Editor
IJNPR & NPARR),

Design: Abhinav Raj

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