



**PHARMACOLOGICAL ACTIONS OF *CHANDANADI VARGA* (AROMATIC PLANTS)
W.R.T *DHANWANTARI NIGHANTU***

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ABSTRACT

The *Chandanadi Varga* includes *Chandana*, *Rakta Chandana*, *Kuchandana*, *Kaliyaka*, *Barbarikam*, *Kumkuma*, *Ushiram*, *Priyangu*, *Tooni*, *Gorochana*, *Turushka*, *Agaru*, *Kaleyaka*, *Kasturi*, *Karpura*, *Jatipatra*, *Jatiphala*, *Kankola*, *Poogam*, *Lavangam*, *Nalika*, *Mamsi*, *Gandhamamsi*, *Kustha*, *Renuka*, *Tagara*, *Pariplavam*, *Nakham*, *Vyaghranakha*, *Sphrikka*, *Bolam*, *Damana*, *Dama*, *Mura*, *Sthauneyaka*, *Choraka*, *Shaileya*, *Elavaluka*, *Sarala*, *Saptaparna*, *Laksha*, *Tamalaki*, *Lamajjaka*, *Padmaka*, *Dhataki*, *Prapaundarika*, *Karchura*, *Manahshila*, *Sindhura*, *Giri Sindhura*, *Saurashtri Mrittika*, *Gandhaka*, *Via Saudandhika*, *Ambhika*, *Siktaka*, *Raala*, *Kasiasa*, *Pushpa Kasisa*, *Guggulu*, *Kunduru*, *Shriveshthaka*, *Shallaki*, *Kampillaka*, *Kankustha*, *Bhallataka*, *Tuthya*, *Hema Makshika*, *Anjana*, *Samudraphena*, *Chakshushya*, *Rasanjana*, *Pushpanjana*, *Shilajijatu*, *Gairika*, *Suvarna Gairika*, *Kataka*, *Lodhra*, *Kramuka*, *Shankha*. This group give pleasure, aroma and can be used in various health ailments. The *Chandanadi Varga* is third *Varga* of *Dhanwantari Nighantu*, This *Varga* specially contains various types of aromatic plants, which are impressible. Most of the drugs possess the pharmacological actions like *Krimihara* (Anthelmintic), *Kandughna* (Anti pruritic), *Kusthagna* (Anti-leprosy), *Panduhra* (Haematinic), *Grahi* (Excess fluid absorbent), *Hridya* (Cardiac ailments), *Dantya* (Tooth disorders), *Chakshushya* (Eye diseases), *Trishnahara* (Relieves excessive thirst), *Truptikara* (Digest the excessive undigested food materials), etc.

KEYWORDS: *Chandana*, *Dhanvantari Nighantu*, Aromatic plants, Medicinal plants, Botanical Name, Family, Pharmacological actions etc.

INTRODUCTION

The *Dhanwantari Nighantu* describe seven *Vargas*. Among them the *Chandanadi Varga* is one of them. The *Chandanadi Varga* containing mostly the aromatic and fragrant plant substances. This group contains 79 plant substances. Viz; *Chandana*, *Rakta Chandana*, *Kuchandana*, *Kaliyaka*, *Barbarikam*, *Kumkuma*, *Ushiram*, *Priyangu*, *Tooni*, *Gorochana*, *Turushka*, *Agaru*, *Kaleyaka*, *Kasturi*, *Karpura*, *Jatipatra*, *Jatiphala*, *Kankola*, *Poogam*, *Lavangam*, *Nalika*, *Mamsi*, *Gandhamamsi*, *Kustha*, *Renuka*, *Tagara*, *Pariplavam*, *Nakham*, *Vyaghranakha*, *Sphrikka*, *Bolam*, *Damana*, *Dama*, *Mura*, *Sthauneyaka*, *Choraka*, *Shaileya*, *Elavaluka*, *Sarala*, *Saptaparna*, *Laksha*, *Tamalaki*, *Lamajjaka*, *Padmaka*, *Dhataki*, *Prapaundarika*, *Karchura*, *Manahshila*, *Sindhura*, *Giri Sindhura*, *Saurashtri Mrittika*, *Gandhaka*, *Vata Saudandhika*, *Ambhika*, *Siktaka*, *Raala*, *Kasiasa*, *Pushpa Kasisa*, *Guggulu*, *Kunduru*, *Shriveshthaka*, *Shallaki*, *Kampillaka*, *Kankustha*, *Bhallataka*, *Tuthya*, *Hema Makshika*, *Anjana*, *Samudraphena*, *Chakshushya*, *Rasanjana*, *Pushpanjana*, *Shilajijatu*, *Gairika*, *Suvarna Gairika*, *Kataka*, *Lodhra*, *Kramuka*, *Shankha*. In this group there are some drugs

which are mineral origin. These mineral origin drugs also have some pharmacological actions.

DISCUSSION

The *Chandanadi Varga* contains 79 plant substances. The pharmacological actions of each drug is discussed as follows;

1. CHANDANA^[1] - Botanical Name- *Santalum album* Linn, **Family-** Santalaceae

Pharmacological Actions- The *Shweta Chandana* is *Sheeta Virya* (Cold in potency), *Madhura* (Sweet), *Tikta* (Bitter), and *Pitta Shamaka* (Subsides *Pitta Dosh*). It is *Rakta-Prasadana* (Improves complexion), *Vajikarana* (Aphrodisiac), *Ruksha* (Dry), *Guru* (Heavy). It alleviate *Antardaha* (Burning sensation), *Raktapitta* (Bleeding diseases), *Visha* (Poison effect), *Trishna* (Thirst), *Daha* (Burning sensation), *Krimi* (Worms).

2. RAKTA CHANDANA^[2] - Red variety of Chandana, Botanical Name- *Pterocarpus santalinus* Linn, **Family-** Leguminosae **Pharmacological Actions-** The *Rakta Chandana* is *Tikta* (Bitter), *Sheeta Virya* (Cold in potency),

Rakshogna(Anti-Viral). It alleviates *Rakta Pitta*(Bleeding diseases).

3. KUCHANDANA^[3]- A variety of *Chandana*,
Botanical Name- *Caesalpina sappan* Linn, **Family-** Caesalpiniaceae

Pharmacological Actions- The *Kuchandana* is *Madhura*(Sweet), *Tikta*(Bitter), *Madhura Vipaka*(Sweet at post digestive effect), *Kapha Vardhaka*(Aggravates *Kapha Dosh*), *Ishat Pittala*(Mildly increases *Pitta Dosh*), *Sugandhita*(Aromatic), *Vrina Ropaka*(Heals wound/ulcer).

4. KALIYAKA^[4]- Yellow variety of sandal
Pharmacological Actions- The *Kaleyaka* is *Pavitra*(Auspicious), *Sheetala*(Cold in potency), cures *Raktapitta*(Bleeding diseases).

5. BARBARIKA^[5] - A variety of *Chandana*
Pharmacological Actions- The *Barbarika* is *Guru*(Heavy), *Ruksha*(Dry), Alleviates *Kapha-Pitta Dosh*, *Rakta Vikara*(Blood diseases), *Daha*(Burnig sensation), *Krimighna*(Subsides worms).

6. KUNKUMA^[6] -**Botanical Name-** *Crocus sativus* Linn,
Family- Iridaceae
Pharmacological Actions- *Kunkuma* is *Katu*(Pungent), *Tikta*(Bitter), *Ushna Virya*(Hot in potency), It is subside *Kapha* and *Vata Doshas*, *Vrina*(Wounds/ulcers), *Netra Roga*(Eye diseases), *Shiro Roga*(Diseases of head), *Visha*(Poison). It improves the complexion.

7. USHIRA^[7]
Botanical Name- *Vetiveria zizanioides* (Linn) Nash,
Family- Graminae
Pharmacological Actions- The *Ushira* is *Sheeta Virya*(Cold in potency), *Tikta*(Bitter). It alleviate *Daha*(Burning sensation), *Kanti*(Improves complexion), *Vata Dosh*, *Jwara*(Fever), *Trishna*(Thirst), *Prameha*(Urinary disorders including diabetes), *Raktapitta*(Blood diseases). *Ushira* is *Durgandhahara*(Subsides bad smell), *Pitta Nashaka*(Subsides *Pitta Dosh*), *Snigdha*(Demulcent), *Tikta*(Bitter).

8. PRIYANGU^[8] **Botanical Name-** *Callicarpa macrophylla* Vahl,
Family- Verbenaceae
Pharmacological Actions- The *Priyangu* is *Sheeta Virya*(Cold in potency), *Tikta*(Bitter). It cures *Daha*(Burning sensation), *Jwara*(Fever), *Vamana*(Vomiting), *Raktapitta*(Bleeding diseases).

9. TOONI^[9] **Botanical Name-** *Cedrela toona* Roxb,
Family- Meliaceae
Pharmacological Actions- The *Tooni* is *Vajikara*(Aphrodisiac), *Tridoshahara*(Subside *Vata*, *Pitta* and *Kapha Doshas*).It alleviate *Kandu*(Itching sensation), *Kustha*(Skin diseases), *Vrina*(Wounds / Ulcers), *Gandamala*(Thyroid diseases) and intermittent fever.

10. GOROCHANA^[10] **Botanical Name-** Bezoar
Pharmacological Actions- The *Gorochana* is *Pachana*(Digestive), *Sheeta Virya*(Cold in potency), It alleviate *Netra Vikara*(Eye diseases), *Bhuta Badha*(External evil spirits), *Grahabadha*(Psychological as well as external evil spirits). It is *Saubhagyaprada*(Rejoice the destiny).

11. TURUSHKA^[11] - **Botanical Name-** *Liquidamber orientalis* Miller, **Family-** Hamamelidaceae
Pharmacological Actions- The *Turushka* is *Katu*(Pungent), *Tikta*(Bitter), *Madhura*(Sweet) in tastes, *Katu Vipaka*(Pungent at post digestive effect), *Ushna Virya*(Hot in potency). It is *Snigdha*(Demulcent), subsides *Vata* and *Kapha Doshas*, *Sugandhita*(Aromatic), liked by Gods.

12. AGARU^[12] - **Botanical Name-** *Aquilaria agallocha* Roxb, **Family-** Thymeliaceae
Pharmacological Actions- The *Agaru* is *Katu* (Pungent), *Tikta*(Bitter), *Ushna Virya*(Hot in potency), *Snigdha*(Demulcent), subside *Vata* and *Kapha Doshas*, alleviate *Karna Shoola*(Ear pain), *Netra Peeda*(Eye pain), *Kustha*(Skin diseases). It is *Mangalakaraka*(Auspicious).

13. KALEYAKA^[13]- It is a variety of *Agaru*
Pharmacological Actions- It is *Peeta Varna*(Yellow in color), *Varna Prasadana*(Improves complexion).

14. KASTURI^[14] -**Botanical Name-** *Moschus moschiferus* Linn, **Family-** Cervidae
Pharmacological Actions- The Musk is *Tikta*(Bitter), *Katu*(Pungent), subside *Kapha* and *Vata Doshas*, *Vishahara*(Subsides Poison effect), *Mukha Shosha*(Subside dryness of the mouth).

15. KARPURA^[15] - **Botanical Name-** *Cinnamomum camphora* Nees & Eberm.

Family- Lauraceae
Pharmacological Actions- The *Kapura* is *Katu*(Pungent), *Tikta*(Bitter), *Madhura*(Sweet) in tastes. It is *Sheeta Virya*(Cold in potency), *Madakara*(Causes intoxication), subsides *Trishna*(Excess thirst), *Meda*(Fat), *Tridosha*(*Vata*, *Pitta*, *Kapha*), *Chakshushya*(Good for eyes).

16. JATIPATRI^[16] - **Botanical Name-** *Myristica fragrans* Houtt, **Family-** Myristicaceae
Pharmacological Actions- The *Jatipatri*(Outer covering of the *Jatiphala* fruit) is *Katu*(Pungent), *Sugandhi*(Aromatic), *Ushna Virya*(Hot in potency), *Kaphagna*(Subside *Kapha Dosh*), It alleviate *Mukha Dourgandha*(Foul smell from mouth), *Varnya*(Improves complexion), *Visha*(Poison).

17. JATIPHALA^[17] - **Botanical Name-** *Myristica fragrans* Houtt, **Family-** Myristicaceae
Pharmacological Actions- The *Jatiphala* is *Kashaya*(Astringent), *Katu*(Pungent), *Ushna Virya*(Hot

in potency), *Laghu*(Light), *Vajikara*(Aphrodisiac), *Dipana*(Appetizer). It alleviate *Kantha Vikara*(Throat problems), *Kantha Peeda*(Throat pain), *Vata*, *Atisara*(Diarrhea), *Prameha*(Urinary diseases including diabetes).

18. KANKOLA ^[18]- **Botanical Name-** *Piper cubeba* Linn, **Family-** Piperaceae

Pharmacological Actions- The *Kankola* is *Katu*(Pungent), *Tikta*(Bitter), *Ushna Virya*(Hot in potency), *Ruchikara*(Taste promoter), alleviate *Vata* and *Kapha Doshas*, heaviness in the mouth.

19. POOGA ^[19]- **Botanical Name-** *Areca catechu* Linn, **Family-** Palmae

Pharmacological Actions- The *Pooga* is *Malabhedaka*(Laxative), *Madakaraka*(Intoxication), *Kashaya*(Astringent), *Madhura*(Sweet), *Ruchikara*(Taste promoter), *Ruksha*(Dry), *Mukha Kleda Nashaka*(Absorbs the saliva), *Pitta Shamaka*(Subsides *Pitta Dosh*).

20. LAVANGA ^[20] - **Botanical Name-** *Syzygium aromaticum* (Linn) Merr & L.M Perry, **Family-** Myrtaceae

Pharmacological Actions- The *Lavanga* is *Hridya*(Good for heart), *Sheeta Virya*(Cold in potency), *Pitta Shamaka*(Subsides *Pitta*), *Chakshushya*(Good for eyes), *Vajikara*(Aphrodisiac), *Mangalakaraka*(Auspicious), *Murdha Rogahara*(Cures head diseases).

21. NALIKA ^[21]

Pharmacological Action- *Nalika* is subsides *Raktapitta*(Bleeding diseases), *Chakshushya*(Good for eyes), *Visha*(Poison), increases *Vata Dosh*, it is *Tikta*(Bitter), *Madhura*(Sweet), *Guru*(Heavy), *Sheeta Virya*(Cold in potency).

22. MAMSI ^[22]- **Botanical Name-** *Nardostachys jatamansi* DC, **Family-** Valerianaceae

Pharmacological Actions- The *Jatamansi* is *Madhura*(Sweet), *Kashaya*(Astringent), alleviate *Kapha*, *Pitta Doshas*, blood diseases, *Twak Roga*(Skin diseases). It is *Bala Vardhaka*(Tonic), *Kanti Vardhaka*(Improves complexion).

23. GANDHA MANSI ^[23] - **Botanical Name-** *Selinum tenuifolium* Wall, **Family-** Valerianaceae

Pharmacological Actions- The *Gandhamansi* is *Kashaya*(Astringent), *Sugandhi*(Aromatic), *Keshya*(Good for hair), *Kantidayaka*(Improves Complexion).

24. KUSTHA ^[24] - **Botanical Name-** *Saussurea lappa* C.B.Clark, **Family-** Compositae

Pharmacological Actions- The *Kustha* is *Katu*(Pungent), *Tikta*(Bitter), *Ushna Virya*(Hot in potency), alleviate *Kapha*, *Vata Doshas*, *Rakta Vikara*(Blood diseases), *Visha*(Poison), *Kandu*(Itching sensation), *Kustha*(Skin diseases).

25. RENUKA ^[25]

Pharmacological Actions- The *Renuka* is used as *Nirgundi*(*Vitex negundo*) seeds. The *Renuka* is *Sheeta Virya*(Cold in potency), subside *Trishna*(Excess thirst), *Kandu*(Itching sensation), *Visha*(Poison), *Daha*(Burning sensation), *Daurbalya*(Generalized weakness).

26. TAGARA ^[26]- **Botanical Name-** *Valeriana wallichii* DC, **Family-** Valerianaceae

Pharmacological Actions- *Tagara* is *Kashaya*(Astringent), *Ushna Virya*(Hot in potency), alleviate *Vata*, *Pitta*, *Kapha Doshas*, *Netra Roga*(Eye diseases), *Shiro Roga*(Diseases of head), *Visha*(Poison), *Bhuta Badha*(Evil Spirits), *Apasmara*(Seizures).

27. PARIPLAVA ^[27]- **Botanical Name-** *Cyperus* sp., **Family-** Cyperaceae

Pharmacological Actions- The *Pariplava* is *Sugandhi*(Aromatic), *Medhya*(Good for brain), *Kantiprada*(Improves complexion), alleviate *Atisweda*(Excessive perspiration), *Mala*, *Kandu*(Itching sensation), *Vata* and *Kapha Doshas*.

28. NAKHA ^[28]- **Botanical Name-** *Helix aspera*

Pharmacological Actions- The *Nakha* is *Katu*(Pungent), *Ushna Virya*(Hot in potency), subside *Visha*(Poison), *Kustha*(Skin diseases), *Kapha Dosh*.

29. VYAGHRA NAKHA ^[29]

Pharmacological Action- The *Vyaghra Nakha* is *Tikta*(Bitter), *Kashaya*(Astringent), *Ushna Virya*(Hot in potency), *Kanti prada*(Improves complexion), *Sugandhi*(Aromatic), subside *Kapha* and *Vata Doshas*, *Kustha*(Skin diseases), *Kandu*(Itching sensation), *Vrina*(Wounds and Ulcers).

30. SPHRIKKA ^[30]- **Botanical Name-** *Delphinium zalil* Aitch & Hemsl, **Family-** Ranunculaceae

Pharmacological Actions- The *Sphrikka* is *Sheeta Virya*(Cold in potency), alleviate *Trishna*(Excess thirst), *Visha*(Poison), *Daha*(Buring sensation), *Kustha*(Skin diseases), *Sweda*(Excess perspiration), *Durgandha*(Bad smell).

31. BOLA ^[31]- **Botanical Name-** *Commiphora myrrha* Holmes, **Family-** Burseraceae

Pharmacological Actions- The *Bola* is *Tikta*(Bitter), *Sheeta Virya*(Cold in potency), *Rakta Srava Rodhaka*(Anti coagulant), subside *Kapha*, *Pitta Vikara*, *Pradara*(Leucorrhoea).

32. DAMANA ^[32]- **Botanical Name-** *Artemisia vulgaris* Linn, **Family-** Compositae

Pharmacological Actions- The *Damana* is *Tikta*(Bitter), *Vishaghna*(Anti-poisonous), *Krimighna*(Vermicidal), *Tridosha Shamaka*(Subsides *Vata*, *Pitta* and *Kapha Doshas*), *Hridya*(Good for heart), alleviate *Kustha*(Skin diseases), *Kandu*(Itching sensation)

33. DAMA ^[33]- A variety of Damana.

34. MURA^[34] - **Botanical Name-** *Selenium* Sp. **Family-** Valerianaceae

Pharmacological Actions- *Mura* is *Sheeta Virya*(Cold in potency), *Tikta*(Bitter), *Sugandhi*(Aromatic), alleviate *Kshata*(Emaciation), *Pitta Dosh*a.

35. STHAUNEYAKA^[35] - **Botanical Name-** *Taxus baccata* Linn, **Family-** Taxaceae

Pharmacological Actions- The *Sthauneyaka* subside *Kapha*, *Vata*, *Pitta Dosh*as. It is *Balya*(Tonic), *Sugandhi* (Aromatic), *Katu*(Pungent), *Tikta*(Bitter), *Paushtika*(Nourishing).

36. CHORAKA^[36] **Botanical Name-** *Angelica glauca* Edgw, **Family-** Umbellifereae

Pharmacological Actions- The *Choraka* is *Sheeta Virya* (Cold in potency), subside *Visha*(Poison), *Rakta Dosh*a (Blood diseases), *Kustha*(Skin diseases), *Krimi*(Worms), *Kandu*(Itching), *Vrina*(Wounds and Ulcers). The *Choraka* is *Tikta* (Bitter), *Uragandha* (Strong smell), *Vata Shamaka*.

37. SHAILEYA^[37] **Botanical Name-** *Parmelia perlata* Ach, **Family-** Parmeliaceae

Pharmacological Actions- The *Shaileya* is *Sheeta Virya*(Cold in potency), *Tikta*(Bitter). It alleviate *Daha*(Burning sensation), *Visha*(Poison), *Raktadosha* (Blood diseases), *Kandu*(Itching), *Kapha*, *Pitta Dosh*as, *Trishna*(Excess thirst), *Vamana* (Vomitting), *Shwasa*(Dyspnoea), *Vrina*(Wounds/Ulcers).

38. ELAVALUKA^[38] **Botanical Name-** *Prunus cerasus* Linn, **Family-** Rosaceae

Pharmacological Actions- The *Elavaluka* is *Sugandhi*(Aromatic), *Sheeta Virya*(Cold in potency). Alleviate *Visha* (Poison), *Kandu*(Itching), *Kustha*(Skin diseases), *Vrina*(Wounds and Ulcers).

39. SARALA^[39] **Botanical Name-** *Pinus longifoila* Roxb, **Family-** Pinaceae

Pharmacological Actions- The *Sarala* is *Snigdha* (Demulcent), *Ushna Virya*(Hot in potency), *Tikta*(Bitter), It subside *Kapha* and *Vata Dosh*a, *Mukhasraha*(Excess salivation), *Swarabhanga*(Sourness of throat), *Netra Roga*(Eye diseases), *Vrina*(Wounds and Ulcers).

40. SAPTAPARNA^[40] **Botanical Name-** *Alstonia scholaris* R. Br, **Family-** Apocynaceae

Pharmacological Actions- The *Saptaparna* is *Hridya*(Good for heart), *Sugandhi*(Aromatic), *Dipana* (Appetizer), *Saraka*(Laxative), It alleviates *Shoola*(Pain), *Gulma* (Visceral organ diseases), *Krimi*(Worms), *Kustha* (Skin diseases).

41. LAKSHA^[41]

Pharmacological Actions- The *Laksha* is *Tikta* (Bitter), *Kashaya* (Astringent), *Snigdha* (Demulcent). It cures *Raktapitta* (Bleeding diseases), *Krimi* (Worms), *Kapha Dosh*a, *Vrina* (Wounds/ Ulcers), *Bhutabadha* (External evil spirits), *Jwara* (Fever), *Peeda* (Pain).

42. TAMALAKI^[42] **Botanical Name-** *Phyllanthus niruri* Linn, **Family-** Euphorbiaceae

Pharmacological Actions- The *Bhumyamalaki* is *Madhura*(Sweet), *Tikta*(Bitter), *Sheeta Virya*(Cold in potency), It subside *Kapha*, *Pitta Dosh*as, Blood diseases, *Netra Roga*(Eye diseases), *Daha*(Burning sensation).

43. LAMAJJAKA^[43]

Pharmacological Actions- The *Lamajjaka* is *Tikta*(Bitter) *Sheeta Virya*(Cold in potency), *Pitta Shamaka*(Subsides *Pitta Dosh*a), *Vishagna*(Subsides poison), cures *Rakta Dosh*a(Blood disorder).

44. PADMAKA^[44] -**Botanical Name-** *Prunus puddum* Roxb ex Wall, **Family-** Rosaceae

Pharmacological Actions- The *Padmaka* is *Sheeta Virya*(Cold in potency), *Snigdha*(Demulcent), *Kashaya*(Astringent), It alleviate *Jwara*(Fever), *Vaman*(Vomitting), *Visha*(Poison), *Murcha*(Unconsciousnesses), *Daha*(Burning sensation), *Bhrama*(Confusion), *Kustha*(Skin diseases).

45. DHATAKI^[45] - **Botanical Name-** *Woodfordia fruticosa* kurz, **Family-** Lythraceae

Pharmacological Actions- The *Dhataki* is *Katu*(Pungent), *Ushna Virya*(Hot in potency), *Madakaraka*(Causes intoxication), alleviate *Visha*(Poison), *Atisara*(Diarrhea), *Krimi*(Worms), *Rakta Dosh*a(Blood disorders).

46. PRAPAUNDARIKA^[46]

Pharmacological Actions- The *Prapaundarika* is *Madhura*(Sweet), *Kashaya*(Astringent), *Sheeta Virya*(Cold in potency). It alleviate *Raktapitta*(Bleeding disorders), *Vrina*(Wounds/Ulcers), *Jwara*(Fever), *Daha*(Burning sensation), *Trishna*(Excess thirst).

47. KARCHURA^[47] - **Botanical Name-** *Curcuma zedoaria* Rosc, **Family-** Zingiberaceae

Pharmacological Actions- The *Karchura* is *Katu* (Pungent), *Tikta*(Bitter), *Ushna Virya*(Hot in potency), *Ruchya*(Taste promoter), *Agni Dipaka* (Appetizer), alleviate *Pleeha*(Spleen diseases), *Gulma* (Visceral organ diseases), *Arsha* (Haemorrhoids), *Kustha* (Skin diseases), *Kasa*(Cough).

48. MANAHSHILA- REALGAR^[48]

Pharmacological Actions- The *Manahshila* is *Katu* (Pungent), *Tikta*(Bitter), *Ushna Virya*(Hot in potency), *Vishagna*(Subsides poison). The application of the *Manahshila* relieve from *Bhuta Badha* (External evil spirits), *Bhaya*.

49. SINDHURA- RED LEAD^[49]

Pharmacological Actions- The *Sindhura* is *Ushna Virya*(Hot in potency), *Katu*(Pungent), *Vishagna*(Anti Poisonous), cure *Dustha Vrina*(Chronic wound), skin diseases, like *Kustha*, *Visarpa*(Herpes), and *Jeerna Jwara*(Chronic fever).

50. GIRI SINDHURA^[50] - A variety of red lead.

Pharmacological Actions- The *Giri Sindhura* is *Tridosha Shamaka*(Subsides Vata, Pitta and *Kapha Doshas*), *Bhedana*(Laxative), *Agnikara*(Stimulates appetite), *Netrya*(Good for eyes). Used in *Deha Vedha*, *Loha Vedha*, and *Rasa Bandhanakara*.

51. SAURASHTRI MRITTIKA- FULLER'S EARTH-MULTANI MITTI^[51]

Pharmacological Actions- The *multani mitti* is *Katu*(Pungent), *Kashaya*(Astringent), *Keshya*(Good for hair), *Vishagna*(Anti poisonous), alleviate *Kandu*(Itching), *Visarpa*(Herpes), *Shwitra*(Leucoderma), *Vrina*(Wounds / ulcers).

52. GANDHAKA- SULPHUR^[52]

Pharmacological Actions- The *Gandhaka* is *Katu*(Pungent), *Tikta*(Bitter), *Ushna Virya*(Hot in potency), *Ati Gandha*(Strong smell), alleviate *Visha*(Poison), *Kustha*(Skin diseases), *Kandu*(Itching sensation), *Kacchu*(Severe itching).

53. VATA SAUGANDHIKA^[53] - A variety of sulphur

Pharmacological Actions- The *Vata Saugandhika* is *Rasayana*(Rejuvenative) *Katu*(Pungent), *Ushna Virya*(Hot in potency), alleviate *Kustha*(Skin diseases), *Visarpa*(Herpes). It is used in *Dhatu*(Metals) and *Parada*(Mercury) *Marana Karma*(Procedures to remove the poisonous effects).

54. AMBIKA^[54]

Pharmacological Actions- The *Ambika* is *Tikta*(Bitter), *Ushna Virya*(Hot in potency), alleviate *Kapha Dosh*, *Arsha*(Haemorrhoids), *Swayathu*(Edema).

55. SIKTHAM- WAX^[55]

Pharmacological Actions- The wax is *Sigdha*(Demulcent), *Madhura*(Sweet), *Bhuta Badha Nashaka*(Expells external evil spirits), *Bhagna Sandhanaka*(Heals fractures), *Bhedana*(Laxative), *Picchila*(Sticky), Cure *Visarpa*(Herpes), *Kandu*(Itching), *Kustha*(Skin diseases), *Vatarakta*(Gouty arthritis).

56. RAALA- Shaala Niriyasa^[56]

Pharmacological Actions- The *Raal* is *Madhura*(Sweet), *Kashaya*(Astringent), *Ushna Virya*(Hot in potency), *Sthambhana*(Absorbent), *Vrina Ropana*(Heals wound). It is *Bhagna Sandhanakara*(Heals fractures), *Krimi*(Worms).

57. KASISA- Iron sulphate^[57]

Pharmacological Actions- The iron sulphate is *Kashaya*(Astringent), *Ushna Virya*(Hot in potency), *Amla*(Sour), cure *Vata*, *Kapha Dosh*, *Visha*(Poison), *Netra Peeda*(Eye pain), *Shwitra*(Leucoderma), *Kustha*(Skin diseases), *Vrina*(Wound).

58. PUSHPA KASISA- A variety of Kasisa^[58]

Pharmacological Actions- The *Pushpa Kasisa* is *Ushna Virya*(Hot in potency), *Kashaya*(Astringent), *Amla*(Sour),

Chakshushya(Good for eyes), *Kesha Ranjana*(Gives color to the hair). It alleviate *Visha*(Poison), *Kapha Vikara*, *Vrina*(Wounds and ulcers), *Shwitra*(Leucoderma), *Kshaya*(Emaciation).

59. GUGGULU^[59]- **Botanical Name-** *Commiphora mukul* Hook ex Stocks, **Family-** Burseraceae

Pharmacological Actions- The *Guggulu* is *Picchila*(Sticky), *Katu*(Pungent), *Tikta*(Bitter), *Kashaya*(Astringent), *Varnya*(Improves complexion), *Swarya*(Improves voice), *Laghu*(Light), *Sookshma*(Penetrating), *Ruksha*(Dry), subside *Vata* and *Kapha Doshas*.

60. KUNDURU^[60]- The *Shallaki Vriksha Niriyasa* is known as *Kundururu*.

Pharmacological Actions- The *Kundururu* is *Katu*(Pungent), *Tikta*(Bitter), subside *Vata* and *Kapha Doshas*, *Sheeta Virya*(Cold in potency), alleviates *Pradara*(Leucorrhoea).

61. SHRIVESHTAKA^[61] - The *Sarala Vriksha Niriyasa* is known as *Shriveshtaka*.

Pharmacological Actions- The *Shriveshtaka* is *Madhura*(Sweet), *Tikta*(Bitter), *Kashaya*(Astringent). It alleviate *Vrina*(Heals wound), *Kapha*, *Pitta*, *Rakta Doshas*, *Griha Badha*(Bad effects of planets), *Shiro Roga*(Diseases of head).

62. SHALLAKI^[62]- **Botanical Name-** *Boswellia serrata* Roxb, **Family-** Burseraceae

Pharmacological Actions- The *Shallaki* is *Kashaya*(Astringent), *Sheeta Virya*(Cold in potency), subsides *Kapha* and *Pitta Doshas*.

63. KAMPILLAKA^[63]- **Botanical Name-** *Mallotus philippinensis* Muell Arg, **Family-** Euphorbiaceae

Pharmacological Actions- The *Kampillaka* is *Virechaka*(Purgative), *Katu*(Pungent), *Ushna Virya*(Hot in potency), subside *Vrina*(Wounds / Ulcer), *Gulma*(Visceral organ disease), *Udara Roga*(Abdominal diseases), *Vibandha*(Constipation), *Adhmana*(Distention of the abdomen), *Kapha Dosh*, *Krimi*(Worms).

64. KANKUSTHA^[64]

Pharmacological Actions- The *Kankustha* is *Tikta*(Bitter), *Katu*(Pungent), *Ushna Virya*(Hot in potency). It alleviate *Gulma*(Visceral organ diseases), *Udavarta*(Upward movement of the Vata), *Shoola*(Pain), *Vrinaropaka*(Heal the wounds and ulcers).

65. BHALLATAKA^[65] **Botanical Name-** *Semecarpus anacardium* Linn, **Family-** Anacardiaceae

Pharmacological Actions- The *Bhallataka* is *Katu*(Pungent), *Tikta*(Bitter), *Madhura*(Sweet) in tastes, *Ushna Virya*(Hot in potency), It cure *Krimi*(Worms), *Gulma*(Visceral organ diseases), *Arsha*(Haemorrhoids), *Grahani*(Sprue syndrome), *Kustha*(Skin diseases), *Vata* and *Kapha Doshas*.

66. TUTTHYA- Copper sulphate^[66]

Pharmacological Actions-The *Tutthya* cure *Netra Roga*(Eye diseases), *Sheeta Virya*(Cold in potency), *Shwitra*(Leucoderma), *Visha*(Poison).

67. HEMA PUSHPIKA - Copper pyrite^[67]

Pharmacological Actions-The copper pyrite is *Katu*(Pungent), *Tikta*(Bitter), *Ushna Virya*(Hot in potency), *Rasayana*(Rejuvenate), *Shukra Vrdhaka*(Increases semen), *Chakshushya*(Good for eyes), *Vishagna* (Anti poisonous). It alleviate *Bastiroga* (Diseases of bladder), *Arsha*(Haemorrhoids), *Shotha* (Edema), *Udara Roga*(Abdominal diseases), *Kshaya* (Tuberculosis), *Vata*, *Pitta* and *Kapha Doshas*.

68. ANJANA- Galena^[68]

Pharmacological Actions- The *Sauviranjana* is *Sheeta Virya*(Cold in potency), cure *Visha*(Poison), *Hikka*(Hiccough), *Netra Roga*(Eye diseases).

69. SAMUDRA PHENA- Os sepiae^[69]

Pharmacological Actions- The *Samudra Phena* is *Sheeta Virya*(Cold in potency), cure *KarnaPaka*(Inflammation of the ear), *Netra Roga*(Eye diseases), *Visha*(Poison), *Gulma*(Visceral organ diseases), *Pleeha Roga*(Spleen disorders).

70. CHAKSHUSHYA^[70]- Botanical Name- Cassia absus Linn, **Family-** Leguminosae

Pharmacological Actions- The *Chakshushya* is *Sheeta Virya*(Cold in potency). It alleviate *Sthavara*, and *Jangama Visha*(Vegetable and Animal origin poisons), *Kandu*(Itching), *Peeda*(Pain), *Vrina*(Wounds / Ulcers).

71. RASANJANA - It is made of decoction of *Berberis aristata^[71]*

Pharmacological Actions- The *Rasanjana* is *Sheeta Virya*(Cold in potency), *Tikta*(Bitter), It cure *Raktapitta*(Bleeding diseases), *Kapha Dosh*, *Hikka* (Hiccough), *Shwasa*(Dyspnoea), *Mukharoga* (Mouth diseases), *Visha*(Poison).

72. PUSHPANJANA- Zinc oxide^[72]

Pharmacological Actions- The Zinc oxide is *Sheeta Virya*(Cold in potency), It cure the complicated diseases like *Hikka*(Hiccough), *Netra Roga*(Eye diseases), *Visha*(Poison).

73. SHILAJATU^[73]-

Pharmacological Actions- The *Shilajatu* is *Tikta*(Bitter), *Katu*(Pungent), *Ushna Virya*(Hot in potency), *Rasayana* (Rejuvenate). It alleviate *Prameha*(Urinary diseases including diabetes), *Unmada*(Euphoria), *Ashmari* (Calculi), *Shopha* (Edema), *Apasmara*(Epilepsy), *Kustha* (Skin diseases), *Kshaya*(Tuberculosis), *Udara* (Abdominal diseases), *Arsha*(Haemorrhoids), *Basthi Vikara* (Bladder diseases).

74. GAIRIKA- Ochre^[74]

Pharmacological Actions- The *Gairika* is *Vishada*(Cleansing), *Snigdha*(Demulcent), *Kashaya*(Astringent), *Madhura*(Sweet), *Sheeta Virya*(Cold in potency). It cure eye diseases, *Raktapitta*(Blood diseases), *Chardi*(Vomiting), *Hikka*(Hiccough), *Visha*(Poison).

75. SUVARNA GAIRIKA- A variety of Gairika^[75]

Pharmacological Actions- The *Suvarna Gairika* is *Madhura*(Sweet), *Kashaya*(Astringent), *Snigdha* (Demulcent), *Sheeta Virya*(Cold in potency). It is *Netrya*(Good for eyes), cure *Raktapitta*(Bleeding diseases), *Hikka*(Hiccough), *Vamana*(Vomiting), *Visha*(Poison), *Raktasrava*(Bleeding).

76. KATAKA^[76]- Botanical Name- *Strychnos potatorum* Linn, **Family-** Loganiaceae

Pharmacological Actions- The *Kataka* is *Sheeta Virya*(Cold in potency), *Tikta*(Bitter), *Sheetala*(Cold), *Mridu*(Soft). It alleviate *Trishna*(Excess thirst), *Visha* (Poison), *Netrya*(Good for eyes), *Mutrakrichra*(Dysurea), *Ashmari*(Urinary calculi).

77. LODHRA^[77]- Botanical Name- *Symplocos racemosa* Roxb, **Family-** Symplocaceae

Pharmacological Actions- The *Lodhra* is *Sheeta Virya*(Cold in potency), *Kashaya*(Astringent), *Ruksha*(Dry), *Grahi*(Absorbent), cure *Trishna*(Excess thirst), *Kapha Dosh*, *Arochaka*(Loss of appetite), *Visha*(Poison).

78. KRAMUKA- A variety of Lodhra^[78]

Pharmacological Actions- The *Kramuka* is *Kashaya*(Astringent), *Sheeta Virya*(Cold in potency), *Vata Kapha Shamaka*(Subsides *Vata* and *Kapha Dosh*), *Raktastambhaka*(Anticoagulant), *Netrya*(Good for eyes), *Vishagn*(Anti Poisonous).

79. SHANKHA- Conch^[79]

Pharmacological Actions- The conch is *Madhura*(Sweet), *Katu Vipaka*(Pungent at post digestive effect), *Ushna Virya*(Hot in potency), it subside *Parinama shoola*, *Netra Vikara*(Eye diseases), *Raktapitta*(Bleeding disorders).

CONCLUSION

The *Chandanadi Varga* is third *Varga* of *Dhanwantari Nighantu*, This *Varga* specially contains various types of aromatic plants, which are impressible as well as give pleasure. Particularly in this *Varga* there will be explanations of plants with *Twak*(Bark), *Pushpa*(Flowers), and mineral origin drugs. Most of the drugs possess the pharmacological actions like *Sheeta Virya*(Cold in potency), *Netrya*(Good for eyes), *Vishagna*(Anti Poisonous action), *Raktapitta*(Bleeding disorders), *Krimihara*(Wormicidal), *Kandughan*(Anti pruritic), *Kusthagna*(Subside skin diseases), *Hridya* (Good for heart), *Dantya*(Good for teeth), *Chakshushya*(Good for eye diseases).

Trishnahara(Relieves excess thirst). Most of the drugs in this group are *Sheeta Virya*(Cold in potency), *Kashaya*(Astringent taste), *Tikta Rasa*(Bitter in taste).

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