Survey of Traditional Vegetables Green Leafy

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ABSTRACT:
The wellbeing and health is not finished without a discourse on the employments of greens nourishment in our day by day diet arrangement. Ponders have demonstrated that a fiber rich eating routine guarantees our general wellbeing. Nourishing estimation of greens (Keerai) is twenty times more than in different vegetables. Dim green verdant vegetables are calorie for calorie, likely the most concentrated wellspring of sustenance of any nourishment. They are a rich wellspring of minerals (counting iron, calcium, potassium, what's more, magnesium) and vitamins, including K, C, E, and a considerable lot of the B complex vitamins. They likewise give an assortment of phytonutrients including beta-carotene, lutein, and zeaxanthin, which shield our cells from harm additionally helps in easing the age-related issues. The scope of medical advantages of the greens is vast to the point that it is difficult to merge them in a solitary article like the present one.

I.INTRODUCTION

According to the World Health Organization (WHO) report, 80% of the world populace, in no time use home grown medication for some part of essential social insurance . Restorative plants are an integral part of human society to battle sicknesses from the beginning of human advancement . There is a far reaching conviction that the green pharmaceuticals are more advantageous and more secure than engineered ones . The utilization of engineered drugs prompts hyperuricemia, looseness of the bowels, sickness, myositis, gastric disturbance, flushing, dry skin and irregular liver capacity . Since the most recent decade, the ascend in the disappointment of chemotherapeutics and anti-toxin resistance displayed by pathogenic microbial irresistible specialists has prompted the screening of a few restorative plants for their potential antimicrobial action . Plants utilized as a part of conventional drugs contain a wide scope of fixings that can be utilized to treat perpetual and in addition irresistible sicknesses. The bioactive mixes like alkaloids, flavonoids, tannins and phenolic mixes are the explanation behind the restorative estimation of plants that create a clear physiological activity on the body . The present endeavor is to survey and assemble upgraded data on different parts of greens and its therapeudic properties.

II.PROPOSED WORK

A.Sesbania Grandiflora: Sesbania grandiflora belons to Fabaceae family which is a people solution for wounds, catarrh, dysentry, eyes, fevers, cerebral pains, little pox, injuries, sore throat what's more, stomatitis .The astringent bark was utilized as a part of treating little pox and other eruptive fevers. The juice from the blossoms is utilized to treat migraine, head clog of stuffy nose. Rheumatic swellings are poulticed or rubbed with watery decoctions of the powdered bases of the red blossomed variation. Indians apply the roots in stiffness, the juice of the takes off what's more, blossoms for cerebral pain and nasal catarrh . The powdered bark is additionally suggested for ulcers of the mouth and wholesome waterway. In java, the bark is utilized for thrush and childish issue of the stomach. Leaves are bitten to sterilize the mouth and throat . Agathi keerai is great when blended with milk and bubbled and after that made into curd and that made into buttermilk if taken twice every day all vaginal related issues can be illuminated (White release, vaginal release with scent). Squashed leaves are connected to sprains and wounds of various types. A tea produced using the leaves is accepted to have anti-toxin, anthelmintic, antitumour and prophylactic properties. This is most certainly not prompted amid prescription, since it will decrease the force of pharmaceutical. The delicate leaves, green natural product, and blossoms are eaten alone as a vegetable or blended into curries or plates of mixed greens. Blossoms might be dunked in player and browned in spread. Delicate segments serve as steers grain. This agathi leaves is useful for wellbeing and this saaru particularly, will cure mouth and tongue ulcers and useful for your stomach. Coconut milk and jeera includes more goodness. Agathi keerai is likewise cooked with drumstick leaves as poriyal. Once in a while cooked alone as poriyal.

B.Celosia argentea: Celosia argentea belons to Amaranthaceae family. It develops as a weed amid stormy season all through India and other tro pical districts of the world, for example, Sri Lanka, South Asia, Africa and America. The leaves are utilized for the treatment of aggravations, fever and tingling. The seeds are astringent, valuable in blood sicknesses, mouth injuries . They are effectual cure in loose bowels . In light of ethno herbal hone the plant was researched for against incendiary , against pyretic against diabetic , against bacterial , cancer prevention agent also, diuretic properties . Hepato defensive impact of celosia was examined by utilizing liver damage models [32] . The antidiarrhoeal impact of ethanolic leaf concentrate of celosia argentea is because of the vicinity of tannins and flavanoids in the concentrate .Leaves are eaten as a vegetable. Poultice of takes off spread with nectar, are being utilized as cooling specialists that can be connected to inflammated regions and excruciating affections, for example, buboes and abscesses. Pannai keerai is cooked as masiyal (a culinary arrangement from south of India) or cooked with different greens as kalavai keerai masiyal (blended greens arrangement).

C.Achyranthes aspera : Achyranthes aspera is a critical restorative herb fits in with Amaranthaceae family found as a weed all through India. In spite of the fact that the greater part of its parts are utilized as a part of conventional frameworks of meds, seeds, roots what's more, shoots are the most vital parts which are utilized restoratively. Squashed plant is bubbled in water furthermore, is utilized as a part of pneumonia. Implantation of the root is a mellow astringent in entrail objections. The blooming spikes or seeds, ground and made into a glue with water, are utilized as outer application for nibbles of toxic snakes and reptiles, utilized as a part of night visual deficiency what's more, skin illnesses . For snake nibbles the ground root is given with water until the patient spews and recaptures cognizance. Breathing in the smoke of Achyranthes aspera blended with Smilax ovalifolia roots is proposed to enhance hankering and to cure different sorts of gastric issue. It is valuable in hemorrhoids, leaves and seeds are emetic, hydrophobia, carminative, resolve swelling, digestive and remove mucus. Fiery remains of the plant is connected remotely for ulcers and warts. The pounded leaves rubbed on yearning back to cure strained back . A crisp bit of root is utilized as tooth brush. Glue of the roots in water is utilized as a part of ophthalmia and opacities of the cornea. Glue of crisp leaves is utilized for easing torment from nibble of wasps . The plant is valuable in liver grievances, ailment, scabies and other skin illnesses. It likewise has sedating properties.

D.Murraya koenigi: Murraya koenigii has a place with Rutaceae family. The leaves, bark and the root are utilized seriously in indigenous prescription from old time, as a tonic for stomachache, stimulant and carminative . The M. koenigii leaves are utilized in customary solution for the treatment of heaps, migraine, stomach throb, flu, ailment, traumatic damage, creepy crawly, wind chomps, antivomiting, curing looseness of the bowels and the runs . The leaf separate essentially diminished the level of blood glucose in test diabetic rats . A 10% curry leaf diet has demonstrated decrease of aggregate serum cholesterol content. It has been accounted for that carbazole alkaloids present in the plant have different natural exercises, for example, hostile to tumor, against oxidative, against mutagenic, and mitigating exercises.Separate demonstrated the vicinity of tannins, phenolic mixes and alkaloids. Carbazole alkaloids present in M. koenigii are accounted for for its cytotoxic, antimicrobial and antibacterial action which demonstrate the likely part of these alkaloids for stimulant action on macrophages.

E.Portulaca oleracea : Portulaca oleracea fits in with Portulacaceae family. It is eaten as a plate of mixed greens and vegetable all around the world and utilized restoratively for an assortment of conditions that incorporate cerebral pain, stomach throb, excruciating pee, enteritis, mastitis, absence of milk stream in nursing moms and in baby blues dying. Remotely it is utilized to treat blazes, ear infection, creepy crawly stings, aggravations, skin injuries, ulcers, pruritis (tingling skin), dermatitis and abscesses. These conditions are normally treated with the crisp herb utilized as a poultice or the communicated juice is utilized.It goes about as a refrigerant and alterative in scurvy and liver maladies . The crisp leaves wounded are connected to the sanctuaries to mollify extreme warmth and torment; and are likewise utilized as a cooling outside application in erysipelas and an implantation of them is given as a diuretic. Acrid leaves are utilized as a vegetable . Herb is mostly esteemed as a refrigerant what's more, alterative pot herb, especially valuable as an article of eating routine in scurvy and liver illnesses .Youthful stems and leaves are cooked like spinach, with salt what's more, chillies, and are likewise utilized as a part of curries . Juice of the stems might be advantageous in instances of thorny warmth furthermore mitigating to hands and feet at whatever point a blazing sensation is felt.

F.Eclipta Prostrata: Eclipta Prostrata fits in with Asteraceae family. The plant is utilized as the accompanying sicknesses; causticity, alopecia, asthma, body torment, bronchitis, pneumonia , blazes, stoppage, the runs, loose bowels, fever, general shortcoming , gingivitis, hemorrhoids, hair fall , hypertension, jaundice, liver growth , oedema, palpitation of heart, paronychia or whitlo, pimples, untimely turning gray of hair, skin sicknesses, spleen

amplification , urinary tract diseases, shortcoming of vision wounds, wrinkles what's more,antibacterial movement .Eclipta prostrata roots have laxative, haemostatic and mitigating properties . Along these lines, organization of root concentrate might facilitate the section of stool and lessen blood stream and irritation. Thus, myocardial depressant and hypotensive movement of alcoholic concentrate of Eclipta prostrata leaves clarify its application in treatment of hypertension and palpitation of heart . The leaves are broiled in ghee and devoured. Normal admission of this spinach makes strides vision, reinforce the body furthermore fortifies the liver.

CONCLUSION

In this way the green leaves have numerous Nutraceutical impacts and phytochemical impacts which will be exceptionally helpful in treating and keeping the numerous sicknesses. Particularly the bioactive mixes like alkaloids, flavonoids, tannins and phenolic mixes are the purpose behind the therapeutic estimation of plants that deliver an unmistakable physiological activity on the body . It would be helpful for the people to investigate the customary green assortments to incorporate into their day by day diet menu furthermore, can capable lead a solid life naturally.

REFERENCES

1. Colombo ML, Bosisio E. Pharmacol Res 1996; 33: pp.127-34.
2. Iwu MM, Duncan AR, Okunji CO. New Antimicrobials of Plant Origin. In: Janick J,editor Perspectives on new crops and new uses. Alexandria: Ashs Press; 1999; pp. 457-62.
3. Hemashenpagam N. Lali Growther, Sankar, Selvaraj, T.and Panneerselvam, A. *Biomedicine*, 29 (4): 353-356.
4. http://www.staurtxchange.org/bauhinia tomentosa.html.
5. Rhama S, Madhavan S. Journal of Drug Delivery & Therapeutics; 2012; 2(2): 76.
6. Gopalakrishnan S, Vadivel E. Int. J Pharm 2011; 2(3):103S-9S.
7. Bandyopadhyay U, Das D, Banerjee RK. Curr Sci 1999; 77:658-65.
8. Dhuley JN. Indian J Exp Biol 1999; 37:238-42.
9. Mannangatti V, Ayyasamy B, Rangasamy M, Emin B, Natesan SK. JGPT 2010; 2(3):71-6.
10. Mazunder UK, Gupta M, Rajeshwar Y. Eur Bull Drug Res 2005; 13(1):15-23.
11. Chatterjee MN, Shinde R. Text Book of Medical Biochemistry. 5th ed. New Delhi Jaypee brothers Medical publishers Ltd; 2002; p p. 317.
12. Goodman MW, Michels LD, Keane WF. Proc Soc Exp Biol Me 1982; 170:286–90.
13. Golay A, Chen YD, Reaven GM. J Clin Endocrinol Metab 1986; 62:1081–88.
14. Glasgow AM, August GP, Hung W. Relationship between control and serum lipids in juvenile-onset diabetes. Diabetes Care 1981; 4:76–80.
15. Anonymous, The wealth of India. CSIR, New Delhi, 1976; 2: 55.
16. Nadkarni AK, Indian Materia Medica. Popular Prakashan Pvt Ltd., Tardeo, Mumbai 400 034, 1976; 1:183-184. Mathanghi, et al. Int J Pharm 2012; 2(4): 786-793
17. Saravanakumar A, Venkateshwaran K, Vanitha J, Saravanan VS, Ganesh M, Sivakumar T. J. Pharma.Tech. 2008; 1:67-68.
18. Singh R, Sidhu PS, Vadhera S, Sital JS, Bhatia S. Plantarum. 1980; 48: 504-508.
19. Kirtikar KR, Basu BD. Indian Medicinal Plants. Lalit Mohan Basu, 4, Leaders Road Allahabad 1975; pp.1061-1065.
20. Kirtikar K, Basu L Indian Medicinal Plants, Vol. III 2nd ed., Allahabad. 1935; pp. 2053-2054.
21. Kulasekaran S Priya, Arumugam Ganamani, rathinam Bhuvaneswari. Wound repair regeneration. 12(6):618–27.Patil K, Bhujbal S, Chaturvedi S. Ind.J.Pharm. Sci. 2003; 645- 647.
22. Bhujbal S, Patil K, Patil M. Planta Indica. 2006; 2: 19-20.
23. Thangarasu V, Manuiappan J, Bangaru A. Biol. Pharm. Bull. 2002;25:526-528 .
24. Wiart C, Mogana S, Khalifah S. Fitoterapia Antimicrobial screening of plants used for traditional medicine in the state of perak. Vol. 75. Peninsular Malaysia: pp. 68–73.
25. Olowoyo OG, Adesina OA, Adigun AO, Azike CK, J. of med. Food. 8:539–44.
26. Patel K, Shah M. Int. J. Pharmacogn 1993; 31(3):223-234.
27. Hase K, Kadota S, Basnet P, Takahashi T, Namba T. Pharma bull. 19(4):567–72.
28. Praveen Sharma,Gali Vidyasagar, Sunder Singh, Santosh Ghule, and Bimlesh Kumar. Adv Pharm TechnolRes. 2010 Jan-Mar; 1(1): 41–48.
29. Thirugnanam S. Mooligai Maruthuvam. (Tamil) Trichy: Selvi Publishers; 2003; pp. 33, 117, 131,139,147
30. Compendium of Medicinal Plants. Delhi: National Institute of Industrial Research (NIIR) publication; 2005; pp. 91.
31. Sethuraman MG, Sulochana N.. Curr Sci 1986; 55:343.
32. Sivanarayan V, Suriyavathana M. International Journal of Current Research September, 2010; Vol. 8, pp.066-069.
33. Nadkarni KM. Indian Materia Medica. Bombay Popular Prakashan, 2009; Vol.I, 21.
34. Bhattaraj NK. *Fitoterapia* 1992; 63(6): 497-506
35. Singh VK, Ali ZA, Zaidi STH. *Fitoterapia* 1996; 67(2): 129-139.
36. Gupta RK. Medicinal & Aromatic Plants. CBS publishers & distributors, 2010; pp.190.
37. Khare CP. Indian medicinal plants. Springer, 2007; pp.11-13.
38. Anonymous. The Wealth of India - Raw Materials, Council of Scientific & Industrial Research (CSIR), New Delhi, 2007; pp. 17.
39. Neogi NC, Garg RD, Rathor RS. Indian Journal of Pharmacy, 1970; 32(2): 43-46.
40. Shibeshi W, Makonnen E, Zerihun L, Debella A. African Health Science, 2006; 6(2): 108-112.

41. Zahir AA, Rahuman AA, Kamaraj C, Bagavan A, Elango G, Sangaran A, Kumar BS. Parasitology Research, 2009; 105(2): 453-461.
42. Akhtar MS, Iqbal J. Journal of Ethnopharmacology, 1991; 31(1): 49-57.
43. Chakraborty A, Brantner A, Mukainaka T, .Nobukuni Y, Kuchide M, Konoshima T, Tokuda H, Nishino H. Cancer letter, 2002; 177(1): 1-5.