

Orange peel herbal face pack a skin rejuvenator

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Abstract

The utilization of natural ingredients in skincare has gained momentum owing to their efficacy and minimal adverse effects. This abstract presents a comprehensive overview of a rejuvenating herbal face pack formulated primarily from orange peels. Orange peels, abundant in bioactive compounds like flavonoids, vitamins, and antioxidants, offer a myriad of skincare benefits including brightening, exfoliating, and revitalizing the skin. The process begins with the collection and drying of orange peels, followed by grinding into a fine powder. This powder is then meticulously blended with other herbal ingredients like turmeric, neem, and sandalwood, each selected for their unique skin-enhancing properties. The resulting face pack offers a potent concoction that addresses various skincare concerns such as dullness, acne, and uneven skin tone.

Keywords: Natural exfoliating cells, anti-inflammatory, antimicrobial

1) INTRODUCTION

Herbal facials have been used as skin care products for centuries, harnessing the power of botanical ingredients to promote healthy, glowing skin. Unlike many commercial skin care products, which may contain harsh chemicals and synthetic ingredients, herbal facials are based on a rich blend of herbs, herbs, and natural ingredients, revitalizing, cleansing, and toning the skin.

These masks are made from a combination of herbs, herbs, clay and other natural ingredients, all carefully selected for their unique skin care benefits. Herbal ingredients include neem, turmeric, sandalwood, rose petals, mint, oatmeal, honey, aloe vera, etc. is available. These ingredients have many properties, including antibacterial, anti-inflammatory, antioxidant and moisturizing properties.

Herbal facial masks are available in many forms, including dry powders, premixed pastes, and ready-to-use masks. Use a face mask. They can be adapted to different skin types and concerns, whether it is oily skin, dry skin, sensitive skin, acne-prone skin or aging skin. Additionally, at-home herbal facials allow people to adjust the formula to their specific needs and preferences.

Using a herbal mask usually requires cleansing the skin and then applying the mask evenly to the face and neck, avoiding the eyes. After letting the mask dry for the designated time (usually around 15-20 minutes), rinse with warm water to rejuvenate and restore the skin. Using herbal facials regularly as part of your skin care routine can help relieve many skin problems, keep your skin healthy and increase radiance.[1]

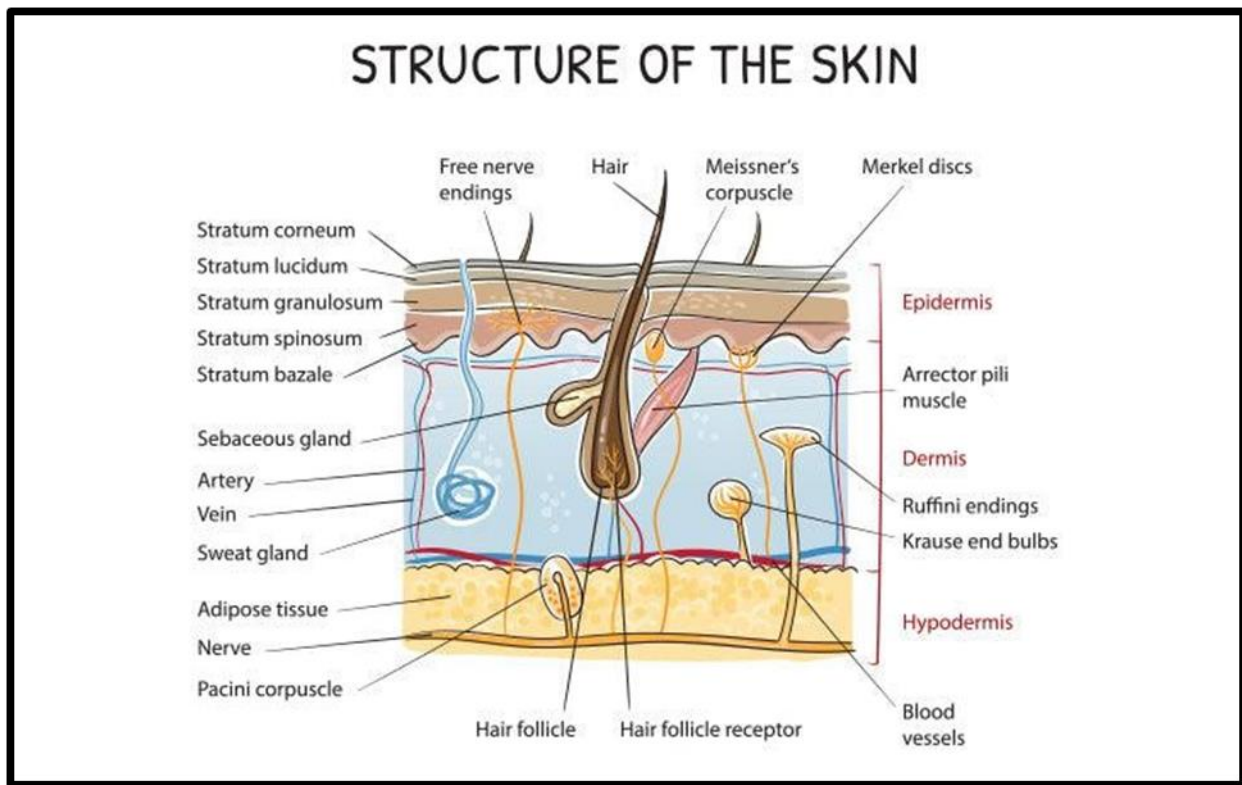
In conclusion, the herbal mask provides good skin care with many benefits. Take advantage of the gift. Whether purchased commercially or prepared at home, these packages give people the opportunity to pamper their skin with quality ingredients while avoiding the negative effects of synthetic chemicals. With their long history of use and proven effectiveness, herbal facial treatments are still a popular choice for those looking for effective skin care.

Face mask is recommended for oily skin that causes acne and blackheads, which can usually be controlled. The number of sebaceous glands secrete sebum and kill harmful bacteria found in acne. Adding sandalwood powder, rose petals and dried orange peel can reduce scars on the skin.

Herbal masks are widely used today because they are more effective than chemical masks. It is non-toxic, non-allergenic and non-habit forming.

It is natural in every aspect and has a long shelf life. They do not contain additional preservatives. They can

be easily prepared and stored for longer periods of time. The present research article is about the formulation and evaluation of face masks for radiant skin using natural ingredients (e.g. Multani mitti, turmeric, sandalwood, saffron, milk powder, rice flour, orange peel, rose petals).[1,2]



Figno1 :-Anatomy of skin

ANATOMY OF SKIN

TYPES

Detoxifying Face Pack: Contains herbs like neem, tulsi(basil), and turmeric that help in detoxifying the skin, removing impurities, and controlling acne.

Brightening Face Pack: Enriched with ingredients like saffron, licorice, and lemon peel, it helps in brightening the skin tone and reducing pigmentation.

Hydrating Face Pack: Formulated with moisturizing herbs like aloe vera, cucumber, and honey, it helps in hydrating and nourishing dry skin, leaving it soft and supple.

Anti-Aging Face Pack: Contains herbs like ashwagandha, ginseng, and rosehip that help in reducing wrinkles, firming the skin, and promoting youthful-looking skin.

Acne-Control Face Pack: Incorporates herbs like tea tree oil, neem, and turmeric, which have antibacterial properties to control acne, reduce inflammation, and prevent breakouts.

Exfoliating Face Pack: Contains ingredients like oats, almonds, and orange peel powder that help in exfoliating the skin, removing dead cells, and revealing a smoother complexion.

Soothing Face Pack: Formulated with calming herbs like chamomile, lavender, and calendula, it helps in soothing irritated skin, reducing redness, and providing relief from inflammation.

Tan Removal Face Pack: Enriched with herbs like licorice, cucumber, and tomato, it helps in removing tan, brightening the skin, and restoring its natural glow.

Oil-Control Face Pack: Contains herbs like multani mitti (fuller's earth), mint, and lemon that help in controlling excess oil production, minimizing pores, and preventing acne.

Revitalizing Face Pack: Incorporates herbs like green tea, ginseng, and vitamin C-rich fruits that help in revitalizing dull and tired-looking skin, giving it a fresh and radiant appearance. [4]

ADVANTAGES

Herbal face packs offer several advantages for skincare enthusiasts who prefer natural ingredients:

1. **Gentle on the Skin:** Herbal face packs typically contain natural ingredients that are gentle on the skin, making them suitable for sensitive skin types. They are less likely to cause irritation or allergic reactions compared to products containing harsh chemicals.
2. **Nourishing and Hydrating:** Many herbal face packs are formulated with ingredients that are rich in vitamins, minerals, and antioxidants. These nutrients nourish the skin, hydrate it, and promote a healthy complexion.
3. **Natural Healing Properties:** Herbs have been used for centuries in traditional medicine for their healing properties. Herbal face packs often harness these benefits to address specific skin concerns such as acne, inflammation, pigmentation, and aging.
4. **No Harsh Chemicals:** Unlike commercial skincare products that may contain synthetic fragrances, preservatives, and other harsh chemicals, herbal face packs are free from such additives. This makes them a safer choice for those who prefer to avoid chemicals on their skin.
5. **Customizable Formulations:** Herbal face packs can be customized based on individual skin types and concerns. You can mix and match different herbs and ingredients to create a face pack that suits your specific needs.
6. **Cost-Effective:** Many herbal face pack ingredients are readily available in kitchens or gardens, making them a cost-effective skincare solution compared to expensive commercial products.
7. **Sustainable and Eco-Friendly:** Using herbal face packs promotes sustainability and eco-friendliness, as they often utilize natural ingredients that are biodegradable and renewable. [5,6]



Fig no:-Herbal facepack

2) LITERATURE REVIEW

1. Formulation and evaluation of herbal face pack for glowing skin Avinash O. Maske*1, Manisha Pandhare1 Ashwin D. Wanjari Prathyusha, N. S. Yamani (2019) Cosmetics play a vital role for everyone to have a joyful and sanguine life. In present scenario herbal cosmeceuticals have more demand because they have no side effects. People having oily skin suffer from acne, whiteheads and blackheads quite often so scrubbing become more essential. In our present study we formulated 3 different formulations F1, F2, F3 in gel form for oily skin by using turmeric, aloe vera, cinnamon, potato starch, activated charcoal powder, honey, green tea, lemon juice, onion, walnut shell, coconut oil, beet root juice powder, sodium lauryl sulphate, water and evaluated by using various parameters such as physical appearance, viscosity, pH, Spreadability, irritability, washability, stability studies and got fruitful results

2. Formulation and Evaluation Of Face Pack using by orange peels 1 Shingane pooja vyankati, 2 Sulsukanya ajinath, 3 Dr. Santosh Jain, 4 Chavan ram krashana shesherao Exfoliation is the process of removal of removing the old, dead skin cells that cling to the skin's outermost surface. The two

types of exfoliation are mechanical and chemical. People's opportunities for seeking dermatological assistance for a myriad of conditions, including acne, rosacea, striae, photodamage, and skin cancers have increased in recent years. Skin exfoliation improves the quality and tone of skin by assisting in the removal of dead skin cells from the surface. Herbal Exfoliant produces soft, supple, re-energized skin and prevents premature skin aging.

3. Formulation and Evaluation Of Face Pack usingby OREANG PEEL” 1Miss.Telange-Patil P.V, 2Mr. Phade S.A,3Miss.Nimbalkar (2022) The main objective of present study was to prepare a poly herbal scrub incorporated intogel. The use of natural ingredients to fight against acne, wrinkle and also to control secretion of oil is known as natural or herbal cosmetics. Herbal cosmeceuticals usually contain the plant parts which possess antimicrobial, antioxidant and anti-aging properties. Herbal cosmetics are the safest product to useroutinewithnosideeffectsandcosmeceuticalsaretheproduct

whichinfluences the biological function of skin. In this preparation Green apple, cinnamon, Millet, Sandalwood, Neem, Turmeric and honey is used as active ingredients and incorporated into the gel. [7-10]

4. Goldman A, Goldust M and Wollina W, Periorbital Hyperpigmentation— Dark Circles under the Eyes;Treatment Suggestions and Combining Procedures, Cosmetics 2021, 8, 26, p.n.1-12 Nourishing and Hydrating: Many herbal face packs are formulated with ingredients that are rich in vitamins, minerals, and antioxidants. These nutrients nourish the skin, hydrate it, and promote a healthy complexion.**3.Natural Healing Properties:** Herbs have beenused for centuries in traditional medicine for their healing properties. Herbal face packs often harness these benefits to address specific skin concerns such as acne, inflammation, pigmentation, and aging

5. Bhowmik D, Chiranjib, Kumar KPS, Chandira M, Jayakar B, Turmeric: A Herbal and TraditionalMedicine, Scholars Research Library, 2009, 1 (2) 86-

108. .Gentle on the Skin: Herbal face packs typically contain natural ingredients that aregentleontheskin, makingthemsuitable forsensitiveskintypes. Theyare less likelyto cause irritationorallergic reactionscompared to productscontaining harsh chemicals.**Nourishing and Hydrating:** Many herbal face packs are formulated with ingredients that are rich in vitamins, minerals, and antioxidants. These nutrients nourish the skin, hydrate it, and promote a healthy complexion

3) AIM AND OBJECTIVE

Aim:- Toformulateandevaluatetheorangespeels powderherbalfacepack.

Objective

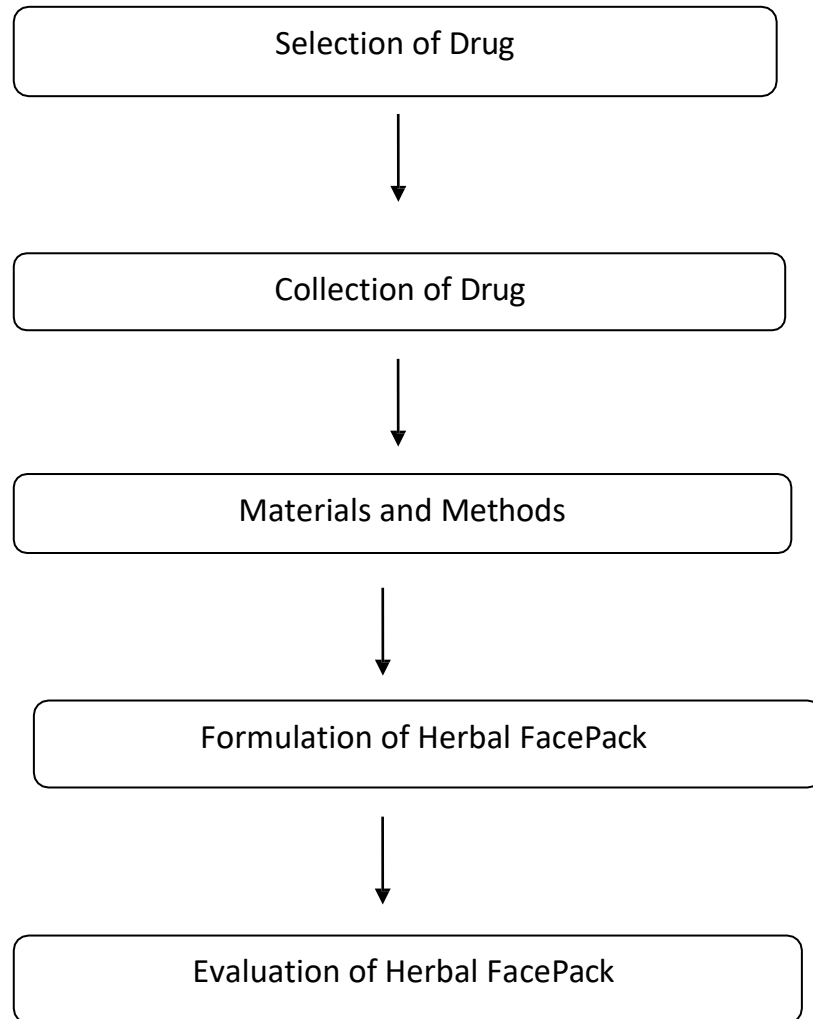
The objectives of using herbal face packs in skincare can vary depending on individual needs and preferences. However, some common objectives include:

- 1. Cleansing:** Herbal face packs help in cleansing the skin by removing dirt, oil, and impurities that accumulate onthe skin's surface throughoutthe day. This helps to prevent clogged pores and breakouts.
- 2. Exfoliation:** Many herbal face packs contain natural exfoliating ingredients such as oats, almonds, or fruit enzymes. Exfoliationhelps to sloughoffdead skin cells, revealing smoother, brighter skin underneath.
- 3. Hydration:** Herbal face packs often include moisturizing ingredients like aloe vera, honey, or glycerin, which help to hydrate and nourish the skin. Hydrated skin appears plump, healthy, and youthful.
- 4. Toning:** Some herbal face packs contain ingredients withastringent properties, suchas witch hazel or rose water, which help to tighten and tone the skin, reducing the appearance of pores and promoting a more even skin texture.
- 5. SoothingandCalming:**Herbalfacepackscanhavesoothingandcalmingeffectsonthe skin, making them beneficial for those with sensitive or irritated skin. Ingredients like chamomile, lavender, or calendula have anti-inflammatory properties that help to calm redness and irritation.
- 6. Brightening and Radiance:** Certain herbal ingredients, such as turmeric, saffron, or citrus extracts, have natural brightening properties that help to even out skin tone and promote a radiant complexion.

7. Acne Control: Herbal face packs containing ingredients like neem, tea tree oil, or turmeric have antibacterial and anti-inflammatory properties that can help to control acne breakouts and reduce inflammation associated with acne-prone skin.

8. Anti-Aging: Some herbal face packs are formulated with ingredients rich in antioxidants, such as green tea, vitamin C, or rosehip oil, which help to protect the skin from free radical damage and signs of aging, such as fine lines and wrinkles.[10,11,12]

4) PLAN OF WORK [13-15]



5) DRUG PROFILE ORANGES PEEL POWDER :-

Ingredient Name: Orange Peel Powder

Therapeutic Class: Cosmeceutical, Skincare Ingredient



Figno2:- Orange peel powder

Composition:

Orange peel powder primarily consists of dried and ground orange peels, retaining the natural compounds found in the peel, including:

- **Citrus flavonoids:** Antioxidants that protect the skin from free radical damage.
- **Vitamin C:** An antioxidant that brightens the skin, boosts collagen production, and promotes skin repair.
- **Alpha hydroxy acids (AHAs):** Natural exfoliants that help remove dead skin cells, revealing smoother, brighter skin.
- **Essential oils:** Provide aromatic properties and potential skincare benefits, such as antimicrobial and anti-inflammatory effects.
- **Pectin:** A natural fiber that can help cleanse and detoxify the skin.

Mechanism of Action:

- **Exfoliation:** The granular texture of orange peel powder gently exfoliates the skin, removing dead skin cells, dirt, and impurities from the surface. This process helps unclog pores, prevent acne breakouts, and promote cell turnover for a smoother complexion.
- **Antioxidant Protection:** Orange peel powder contains antioxidants, such as flavonoids and vitamin C, which neutralize free radicals and protect the skin from oxidative stress. This can help prevent premature aging, including fine lines, wrinkles, and age spots.
- **Skin Brightening:** Vitamin C in orange peel powder helps brighten the skin and reduce the appearance of dark spots, hyperpigmentation, and acne scars. Regular use can result in a more even-toned complexion and a radiant glow.
- **Oil Control:** Orange peel powder has astringent properties that help regulate sebum production and minimize excess oiliness. It can be beneficial for individuals with oily or acne-prone skin, helping to reduce shine and prevent breakouts.
- **Antibacterial and Anti-inflammatory:** Compounds in orange peel powder have antimicrobial and anti-inflammatory properties, which can help soothe irritation, reduce redness, and prevent acne flare-ups. [17]

ALOE POWDER :-IngredientName:Aloe Powder

TherapeuticClass:Cosmeceutical,SkincareIngredient



Fig no3:-Aloe powder

Composition:

Aloe powder is derived from the dried and powdered leaves of the aloe vera plant (*Aloe barbadensis*). It contains various bioactive compounds, including:

Polysaccharides: Provide hydrating and moisturizing effects on the skin.

Vitamins (such as vitamin E and vitamin C): Offer antioxidant protection and support skin health.

Minerals (such as zinc and magnesium): Contribute to skin nourishment and repair.

Enzymes (such as proteases and cellulases): Help exfoliate dead skin cells and promote skin renewal.

Anthraquinones (such as aloin and emodin): Exhibit anti-inflammatory and antimicrobial properties.

Mechanism of Action:

Hydration and Moisturization: Aloe powder contains polysaccharides that attract and retain moisture in the skin, helping to hydrate and soothe dry or irritated skin.

Antioxidant Protection: Vitamins and minerals in aloe powder act as antioxidants, neutralizing free radicals and protecting the skin from oxidative damage caused by environmental stressors.

Wound Healing: Aloe powder supports wound healing and tissue repair by stimulating collagen synthesis, promoting cell proliferation, and reducing inflammation.

Soothing and Calming: Anthraquinones in aloe powder have anti-inflammatory properties that help reduce redness, irritation, and inflammation on the skin's surface.

Exfoliation: Enzymes in aloe powder contribute to gentle exfoliation, removing dead skin cells and promoting a smoother, more radiant complexion. [18]

TURMERIC POWDER:-

Drug Name: Turmeric Powder in Herbal Face Pack TherapeuticClass:Cosmeceutical,SkincareIngredient



Figno4:-Turmericpowder

MechanismofAction: Turmeric (*Curcuma longa*) containsa bioactive compound called curcumin, which has various pharmacological properties beneficial for the skin:

Anti-inflammatory: Curcumin possesses potent anti-inflammatory properties, whichhelp reduce redness, swelling, and irritation on the skin. It can be particularly beneficial for soothing inflammatory skin conditions like acne, eczema, or psoriasis.

Antioxidant: Turmeric is rich in antioxidants that scavenge free radicals, protecting the skin from oxidative stress and premature aging. Regular use of turmeric in a face pack can help maintain skin elasticity, firmness, and overall youthfulness.

Antibacterial and Antimicrobial: Turmeric exhibits antibacterial and antimicrobial activities, making it effective against acne-causing bacteria. It helps cleanse the skin, prevent breakouts, and promote a clearer complexion.

Wound Healing: Turmeric supports wound healing and tissue repair by enhancing collagen synthesis and promoting cell proliferation. It can aid in the recovery of minor cuts, abrasions, or acne scars, reducing their appearance over time.

Brightening and Even-Toning: Turmeric has skin-brightening properties that help fade hyperpigmentation, dark spots, and acne scars. Regular use can result in a more even- toned complexion and a radiant glow. [19]

NEEMPOWDER:-

Herbal Ingredient: Neem Powder BotanicalName:Azadirachtaindica

TherapeuticClass:HerbalSupplement, Cosmeceutical



Fig no5:-Neempowder

Mechanism of Action: Neem powder contains bioactive compounds such as nimbidin, nimbin, and azadirachtin, which contribute to its therapeutic effects on the skin. When used in a face pack, neem powder works through various mechanisms:

Antibacterial and Antifungal: Neem powder has potent antibacterial and antifungal properties, making it effective against acne-causing bacteria and fungi that may lead to skin infections or irritations.

Anti-inflammatory: Neem powder helps reduce inflammation and redness associated with acne, eczema, psoriasis, and other inflammatory skin conditions. It soothes irritated skin and promotes a calmer

complexion.

Antioxidant: Neem powder contains antioxidants that protect the skin from oxidative stress caused by free radicals. It helps prevent premature aging, wrinkles, and fine lines, keeping the skin looking youthful and healthy.

Purifying: Neempowder acts as a naturalcleanser, helping to remove impurities, excess oil, and dirt from the skin's surface. It unclogs pores, preventing acne breakouts and promoting clearer skin.

Exfoliating: Neem powder gently exfoliates the skin, removing dead skin cells and promoting cell turnover. This helps improve skin texture, tone, and brightness, revealing a smoother and more radiant complexion. [18,19]

NUTMEGPOWDER:-

Ingredient Name:NutmegPowder inHerbalFacePack

TherapeuticClass:Cosmeceutical,SkincareIngredient



Fig.no 6:-Nutmeg powder

MechanismofAction:

Nutmeg powder contains various bioactive compounds that provide several benefits for the skin when used in a face pack:

Exfoliation: Nutmeg powder has fine particles that act as a natural exfoliant, helping to remove dead skin cells, unclog pores, and promote a smoother, brighter complexion.

Antibacterial Properties: Nutmeg contains compounds like eugenol that have antibacterial properties, making it beneficial for reducing acne-causing bacteria and preventing breakouts.

Anti-inflammatory: Nutmeg has anti-inflammatory properties that can help reduce inflammation and redness associated with acne, eczema, or other skin conditions.

Skin Brightening: Nutmeg contains compounds that can help lighten dark spots, hyperpigmentation, and blemishes, leading to a more even-toned complexion.

Antioxidant Protection: Nutmeg is rich in antioxidants that help protect the skin from damage caused by free radicals, environmental stressors, and UV radiation, thus preventing premature aging.

SANDALWOODPOWDER:-

IngredientName:Sandalwood(Santalumalbum)

TherapeuticClass:Herbal,Cosmeceutical



Fig no7:-Sandalwood powder

Mechanism of Action: Sandalwood contains various compounds that contribute to its therapeutic effects on the skin when used in face packs:

- **Anti-inflammatory:** Sandalwood has anti-inflammatory properties that help soothe irritated skin, reduce redness, and calm inflammatory conditions such as acne, eczema, and dermatitis.
- **Antibacterial:** Sandalwood exhibits antibacterial properties that can help prevent and treat acne by inhibiting the growth of acne-causing bacteria on the skin's surface.
- **Astringent:** Sandalwood acts as a mild astringent, which helps tighten and tone the skin, reduce the appearance of pores, and control excess oil production.
- **Antioxidant:** Sandalwood contains antioxidants that protect the skin from oxidative stress and environmental damage, helping to maintain a youthful complexion and prevent premature aging.
- **Skin Brightening:** Sandalwood is known for its skin brightening properties, helping to even out skin tone, reduce hyperpigmentation, and impart a radiant glow to the complexion. [18,19,20]

MULTANIMITTI:-

- **Herbal Ingredient:** Multanimitti, also known as Fuller's earth, is a natural clay material that has been used for centuries in traditional medicine and skincare.



Fig no8:-Multanimitti

- **Therapeutic Class:** Multanimitti is classified as a herbal supplement and is commonly used in cosmeceutical formulations for skincare.

Properties and Benefits:

1. **Absorbent:** Multani mitti has excellent absorbent properties, making it effective at absorbing excess oil, dirt, and impurities from the skin. This property helps to cleanse the skin and unclog pores.
2. **Exfoliant:** Due to its fine texture, multani mitti acts as a mild exfoliant, helping to remove dead skin cells and promote cell turnover. Regular use can result in smoother and brighter skin.
3. **Anti-inflammatory:** Multani mitti has been reported to have anti-inflammatory properties, which can help soothe irritated skin and reduce redness and inflammation associated with conditions like acne and eczema.
4. **Toning:** Multani mitti helps to tighten and tone the skin, giving it a firmer and more youthful appearance. It also helps to minimize the appearance of pores.
5. **Cooling:** Multani mitti has a natural cooling effect on the skin, making it particularly beneficial for soothing sunburns, rashes, and other forms of skin irritation.
6. **Oil Control:** Multani mitti helps to control excess oil production, making it suitable for individuals with oily or acne-prone skin. It helps to mattify the skin and reduce shine. [18,19,20]

6) MATERIAL AND METHOD

Method of preparation

Methods of Preparation-All the natural ingredients were collected in powder form in our study four different concentrations of ingredients were prepared for all concentrations for 100 grams were prepared, concentration called the name F1, F2 was given below in the form of table. Precise quantity of material weighed and mixed it into a vessel by the help of spatulas, after proper mixing of ingredient material are transferred for sieving 180 mesh size, after this step is completed all the material are properly mixed and used serial dilution method for proper mixing, then the prepared face pack was packed into a poly bag and properly sealed to avoid contamination in polyethylene bag put a label for identification for further test for evaluation.

Formulation table

Srno	Name of Ingredients	Scientific Name	Quantity of sample for 100g	
			F1	F2
1	Orange peel powder	Citrus reticulata	25	30
2	Sandalwood	Santalum linum	10	12
3	Neem powder	Azadirachta indica	5	8
4	Nutmeg powder	Myristica fragrans Houtt	15	10
5	Turmeric powder	Curcuma longa	10	12
6	Aloe vera powder	Aloe barbadensis	15	20
7	Multani mitti	Calcium Bentonite	20	23

Table 1:- Formulation table

7) Evaluation test 1) Organoleptic test

a) Color test:

Take 5 gm of sample in watch glass. then visually check colour of sample.

b) Odour test:

Take 5 gm sample and smell it.

c) Taste:

Pungent taste is observed due to calcium bentonite.

d) Texture:

Smooth texture is observed due to sample is passed through the sieve no. #120.

1. pH determination :take a sample in china dish check with pH with pH paper manually All the organoleptic test are evaluate as manually and visually.

2) Rheological test:

a) Tapped density

Sample Preparation: Take a sample of the powder face pack.

Use a tapped density tester, which typically consists of a graduated cylinder or a measuring vessel, a mechanical tapping device, and an adjustable counter to record the number of taps.

Initial Volume Measurement : Pour the sample into the measuring vessel and record the initial volume. This is usually done by gently pouring the powder into the vessel until it forms a uniform surface.

Tapping: Start the tapping device, which mechanically taps the vessel containing the powder. The tapping should be done at a standardized rate and force. The number of taps may vary depending on the method being followed.

Final Volume Measurement: After tapping, carefully measure the volume of the powder in the vessel. This is done by again gently pouring the powder until it forms a uniform surface.

Calculation: Calculate the tapped density using the formula:

$$a. \quad \text{Tapped Density} = \frac{\text{Weight of powder}}{\text{Final tapped volume}}$$

a. (Final tapped volume)

b) **Angle of Repose:** The angle of repose is the maximum angle at which a pile of powder remains stable without collapsing. It provides an indication of powder cohesion and frictional forces between particles. A lower angle of repose suggests better flowability and uneven application of the face pack.

$$a. \quad \text{Angle of repose } \alpha = \tan^{-1} h/r$$

c) **Particle Size Distribution:** The distribution of particle sizes within the powder affects its flow properties. A wide particle size distribution can lead to segregation. Hygroscopicity refers to the tendency of a powder to absorb moisture from the environment. Moisture can affect powder flow properties by causing agglomeration or altering particle size and shape.

d) **Irritancy test:** Mark a 1-square-centimeter region on left dorsal surface. A particular measure of arranged face packs were applied to assigned district, & application time was recorded. Disturbance, erythema, & edema were inspected & revealed if present at standard stretches for as long as 24 hours.

e) **Washability :** It was determined how easily a formulation could be wiped off. After applying a face pack, the skin was carefully examined to see how easily and thoroughly it could be washed with regular tap water.

f) **Stability testing:** Stability testing of prepared formulation was conducted for formulation by storing at different temperature conditions for the period of one month. The packed glass vials of formulation stored at different temperature condition. Room temperature, 35°C and 40°C and were evaluated for physical parameters like Color, Odor, pH, Consistency and feel. [22,23,24]

8) Result and Discussion:-

Different formulations are prepared and evaluated F1 and F2, the morphological evaluation are shown in table 1.

Srno.	Organoleptic test	Readings F1	Reading F2
1	Colour	Pale yellow	Pale yellow
2	Odour	Pleasant	Pleasant
3	Appearance	Smooth, fine	Smooth, fine
4	Texture	Fine	Fine

Table no 2: morphological evaluation

The rheological evaluation of herbal face pack are evaluated, my herbal face pack are in powder form some following tests are evaluated are shown in table 2.

Srno	Rheological parameters	Readings F1	Reading F2
1.	Tapped density	1.324 gm/ml	1.203 gm/ml
2	Angle of repose	1.09 gm/ml	1.0 gl/ml
3	Angle of repose	2	1.8

Table no 3: Rheological parameter

Someotherevaluationparameter arethere,[24,25]

Srno	Evaluationparameter	ReadingF1	ReadingF2
1	Irritancy	No	No
2	Stabilitytest	Complythetest	Complythetest
3	Microbialload	No	No

Tableno 4:evaluationparameter

SUMMERY AND CONCLUSION

Summary

In the summer days apparently the intensity of sun rays enhanced and skin becomes tanned and the chances of skin diseases arise. To remove the tanning orange is an agent which has excellent skin brightening and skin lightening activity. Therefore, orange is selected as main ingredient to remove the tan and impurities which leads to enhance the glow of skin despite of any side effects. Natural additives like turmeric, Neem, Sandalwood, Nutmeg, aloe vera have been used to prepare detan face pack. By the literature survey we get to know about the orange and its many benefits which is not only limited to skin but also overall health. Also, the turmeric has antiseptic properties. Orange is rich in antioxidants, aloe vera has humectant property, which is used as surfactant for cleansing purpose. Material collection and formulation is done with different challenges like choosing a detanning agent, additives and their quantities also converting this product into a particular formulation.

This Orange Peel face pack having number of benefits like nourishing the skin, enhance the smooth texture of the skin leads to overall nurture of the skin. The transparent coffee soap was prepared by using orange peel powder and then evaluated by various parameters like pH, irritation test, etc. And have various skin benefits which is removed dark spots, skin brightening effect, natural exfoliating, remove dark circles, cleaning properties etc.

The result of evaluations parameters prove that prepared Soap have good appearance better cleansing and foaming effect and does not have side effects. In this Soap research we study formulation and Evaluation of transparent skin brightening.[26,27]

Conclusion

Natural treatments are more popular because they are safer and have fewer side effects than synthetic treatments. The demand for herbal formulas in the business world is increasing. Herbal facial treatments are used to promote blood healing, rejuvenate muscles, help maintain skin elasticity, and clear dirt from skin pores. This is a good test of herbal packaging containing natural ingredients. After testing, we found that the mask has good performance, does not irritate the skin and maintains its consistency even in a stable environment. The herbal face mask is reported to be capable of imparting radiance to the skin. Holistic research helps promote products as well as helping people. In herbal face packs offer a natural and effective way to address various skincare concerns and maintain healthy, radiant skin. By harnessing the power of herbs, fruits, clays, and botanical extracts, these face packs provide deep cleansing, exfoliation, hydration, oil control, acne treatment, brightening, and anti-aging benefits. They are versatile and cater to different skin types, offering solutions for oily, dry, sensitive, and combination skin. With proper preparation, application, and frequency of use, herbal face packs can be a valuable addition to any skincare routine, promoting a clearer, smoother, and more youthful complexion. Moreover, their natural composition generally makes them safe for regular use, although it's essential to be mindful of individual allergies and sensitivities. Overall, herbal face packs offer a holistic approach to skincare, emphasizing the importance of natural ingredients for nourishing and rejuvenating the skin.

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