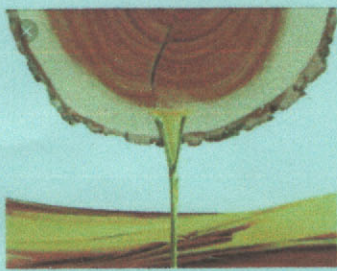




M.G.V.C ARTS, COMMERCE AND SCIENCE COLLEGE MUDDEBIHAL



DEPARTMENT OF BOTANY PROJECT WORK ON VEGETABLE OILS



FROM: B.Sc FOURTH SEMESTER STUDENTS (2019-20)

[Signature]
Co-ordinator,

Internal Quality Assurance Cell
M.G.V.C. Arts, Commerce and Science College,
MUDDEBIHAL - 586212, Dist: Bijapur.

[Signature]

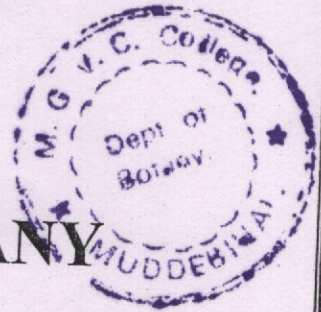
PRINCIPAL,
M.G.V.C. Arts, Commerce and Science College,
MUDDEBIHAL - 586212.

M.G.V.C.ARTS, COMMERCE AND SCIENCE COLLEGE

MUDDEBIHAL 586212

CERTIFICATE

DEPARTMENT OF BOTANY



Examination Seat. No: 51723458

Class- B.Sc Fourth Semester

This is certify that Mr/ Miss..... Godavari. N. Rathod.....

Has satisfactorily completed the project work on

“Vegetable Oils” Under my supervision in M.G.V.C. Arts, Comm and Science college Muddebihal during the year 2019-2020.

21/2/19

Staff member Incharge

Head/Department of Botany
M.G.V.C. College, MUDDEBIHAL-586212
Dist; Bijapur,

VALUED
Examiner's Date:
1. _____

Co-ordinator,

Internal Quality Assurance Cell
M.G.V.C. Arts, Commerce and Science College
MUDDEBIHAL - 586212, Bijapur.

PRINCIPAL,
M.G.V.C. Arts, Com. & Science College
MUDDEBIHAL - 586212



GROUNDNUT-OIL

BOTANICAL NAME : *Arachis hypogaea*

Classification:

Kingdom: *Plantae*

Order: *Fabales*

Family: *Fabaceae*

Sub-Family: *Faboibea*

Genus : *Arachis*

Spicies: *hypogaea*

HISTORY /ORIGIN OF GROUNDNUT

- The origin of groundnut was in Brazil.
- Its production is important in the Southern-European and some Asian countries.
- The (peanut) groundnut produced in Spain is of great commercial value.
- It is cultivated in Mediterranean Areas.

NUTRIENTS :-

Fats, Vitamin A,B,C and E , Protien and carbs.

USES :-

- It is used in repairing of the tissue.
- It is used in Treatment of blood-dissorders.
- These help in anti-ageing and keep body young and fit.
- They are rich in anti-oxidant and helps to reduce cardio-vascular tissue.



CITRONELLA-OIL

BOTANICAL NAME : *Cymbopogon citratus*

Classification:

Kingdom: *Plantae*

Order: *Poales*

Family: *Poaceae*

Sub-family : *Panicoideae*

Genus: *Cymbopogon*

Speices: *citratus*

HISTORY /ORIGIN OF Citronella oil:

- The native of Citronella plant is Southern Asia and grown as an ornamental in South Florida and southern California.
- Inexpensive soaps sold in Asian markets are scented with citronella oil, which is often used as one of the "essential oils" in aroma therapy.

NUTRIENTS :-

Potassium , Protein, Magnesium , Iron Carbohydrates and Vitamin C, B₆.

USES :-

- Healthy hairs
- Stess reducers
- Muscle relaxation
- Lowers the cholesterol



SUNFLOWER -OIL

BOTANICAL NAME : *Helianthus annus*

Classification:

Kingdom: Plantae

Order: *Asterales*

Family: *Asteraceae*

Sub-Family: *Asteroideae*

Genus : *Helianthus*

Spicies: *annus*

HISTORY /ORIGIN OF SUNFLOWER

- The wild sunflower is native to North-America but commercialization took place in Russia.
- The colour of seed may be black,white,red and black/white striped.
- The seeds are also cracked and eaten for snacks.
- The plant and seeds are widely used in various purpose.

NUTRIENTS :-

Fats,Vitamin E,K

USES :-

- Sunflower seeds are good for cardiovascular health.
- Supports the digestion.
- Beneficial for the Nerves.
- Strengthen the bone.



PALM - OIL

BOTANICAL NAME : *Elaeis guineensis*

Classification:

Kingdom: Plantae

Order: Arecales

Family: Arecaceae

Genus : *Elaeis*

Spicies: *guineensis*

HISTORY | ORIGIN OF PALM

- The oil palm is native of West-Africa.
- The palm fruit develops in dense bunches weighing 10kg or more.
- These are high yields and low risks from planting oil palms in Southeast Asia and helped the industries to grow quickly.

NUTRIENTS :-

Fats, Vitamin E and K .

USES :-

- It is used as cooking.
- It is tasty ingredient in certain dishes.
- It is good food supplement.
- It is used as moisturizer.



SANDLEWOOD-OIL

BOTANICAL NAME : Santalum album

Classification:

Kingdom: Plantae

Order: Santalales

Family: Santalaceae

Genus : Santalum

Spicies: album

HISTORY /ORIGIN OF SANDLEWOOD-OIL

- The fragrant wood which originates from India and Australia.
- It is harvested from Santalum trees.
- The sandle-wood oil is extracted from santalum trees wood.
- This oil last for many years with its fragrance.

MAJOR CONSTITUENTS:

(Z)-a- Santalol.

(z)-B- Santalol.

(z)-Nuciferol.

(z)-a- transe-Bergamotol.

USES :-

- It provides deep relaxation.
- Boost memory.
- Used as antiseptic.
- Helps in weight loss.