

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi- 590018



Social Connect and Responsibilities (BSCK307)

Report On: Activity-1

“Plantation and Adoption of a Tree”

*Submitted in partial fulfilment of the requirements for the **Third Semester** degree of **Bachelor of Engineering in Computer Science Engineering** of Visvesvaraya Technological University, Belagavi*

Submitted by

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MS Engineering College

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[Enter your name]

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Objectives

Mangoes are a rich source of vitamins, minerals, and antioxidants, and can help to improve the nutritional status of people in areas where they are grown.

Mango trees can also provide shade and shelter for other crops, helping to improve overall food security in the region.

Mango trees have a deep root system that helps to reduce soil erosion and improve soil fertility. They also help to increase biodiversity in the region.

Mango trees help to mitigate climate change by sequestering carbon dioxide from the atmosphere. They also help to reduce greenhouse gas emissions by reducing the need for transportation of fruits from faraway places.

Mango trees can be integrated into agroforestry systems, which can provide multiple benefits such as improved soil quality, increased biodiversity, and additional sources of income for farmers.

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INTRODUCTION



Mango, its **Scientific** name is **Mangifera indica**, also known as mango, aam, it has been an important herb in the Ayurvedic and indigenous medical systems for over 4000 years.

Mango is a fruit which considered a gesture of friendship in India, and it is a symbol of the love of our hearts. Mango farming is one of the leading commercial farming in India.

As we know, the mango is the king of fruits as it is a good source of vitamin A & C besides having excellent flavor, attractive fragrance and delicious taste.

Moreover, the mango tree is hardy, and it requires low maintenance among other fruit plants. Also, mango is a fruit which considered a gesture of friendship in India, and it is a symbol of the love of our hearts.

These fruits are a rich source of essential nutrients such as vitamin C, vitamin A, and dietary fiber, offering numerous health benefits. Mangoes are commonly enjoyed fresh, sliced, or diced in salads, smoothies, and desserts, and are also used to create juices, jams, and chutneys. Symbolizing abundance and fertility in many cultures, mangoes hold a special place in traditions and festivals, making them not just a fruit but a cultural icon as well.

Whether eaten on their own or incorporated into various dishes, mangoes continue to captivate taste buds and inspire culinary creativity around the globe.

IMPORTANCE OF THE MANGO TREE IN DAILY LIFE

Mango trees (*Mangifera indica*) are widely cultivated for their sweet and juicy fruits, which are not only delicious but also rich in essential vitamins and minerals. Apart from providing a tasty treat, mango trees have many other uses in daily life, some of which are listed below:

- ❖ **Food:** Mangoes are a popular fruit, enjoyed fresh or in various dishes and beverages, such as smoothies, juices, jams, and desserts. They are also used in many cuisines, adding flavor and nutrition to dishes.
- ❖ **Culinary Delights:** Mangoes are not only delicious but also versatile in culinary applications. They are used in a wide range of dishes, from salads and chutneys to desserts and beverages, enhancing flavor and adding nutritional value to meals.
- ❖ **Medicine:** Various parts of the mango tree have been used in traditional medicine to treat a range of ailments, including fever, diarrhea, dysentery, and respiratory problems. Mango leaves are also believed to have hypoglycemic properties, helping to regulate blood sugar levels.
- ❖ **Cultural Significance:** Mangoes hold cultural significance in many societies. They are often associated with festivities, rituals, and traditions, symbolizing prosperity, fertility, and abundance. In some cultures, mango trees are even considered sacred.
- ❖ **Environment:** Mango trees help to absorb carbon dioxide from the atmosphere, helping to mitigate the effects of climate change. They also provide a habitat for many species of birds and insects, contributing to biodiversity.
- ❖ **Cosmetics:** Mango butter and oil are commonly used in skincare and hair care products due to their nourishing and moisturizing properties. They are also rich in antioxidants, which can help protect the skin from damage caused by free radicals.
- ❖ **International Trade:** Mangoes are exported globally, contributing to international trade and economic exchange. Countries with favorable climates for mango cultivation often export their surplus produce to regions where mangoes are not readily available.
- ❖ **Economic Livelihood:** Mango cultivation serves as a source of income for millions of people worldwide. Farmers rely on mango trees for their livelihoods, selling mangoes, mango products (such as juice, pulp, and dried slices), and even by-products like leaves for various purposes.

RELEVANCE OF THE MANGO TREE IN HISTORY OR MYTHOLOGY



The mango tree holds significant relevance in both history and mythology, particularly in regions where it is native or cultivated. Here are some examples of its importance:

- ❖ **Historical Significance:** Mango cultivation dates back thousands of years, with evidence suggesting that it was first cultivated in South Asia, particularly in present-day India and Myanmar. The fruit has been mentioned in ancient texts and scriptures, highlighting its importance in ancient civilizations such as the Indian subcontinent, where it was often regarded as a symbol of prosperity and fertility.
- ❖ **Mythological Connections:** In Hindu mythology, the mango tree is often associated with various deities and myths. For example, the god Kama, the Hindu god of love, is said to have crafted his love arrows from mango blossoms. Additionally, the mango tree is believed to be the abode of the goddess Saraswati, the deity of wisdom and knowledge.
- ❖ **Cultural Symbolism:** Mangoes and mango trees have profound cultural symbolism in many societies. In India, for instance, mango leaves are used in auspicious ceremonies and rituals, symbolizing fertility, prosperity, and new beginnings. In some traditions, the mango tree is considered sacred, and its presence is believed to ward off evil spirits.
- ❖ **Historical Trade and Exploration:** Mangoes played a significant role in historical trade routes and exploration. The Portuguese, for example, introduced mango cultivation to regions like Brazil and parts of Africa during their maritime explorations in the 15th and 16th centuries.

MENTION OF THE MANGO TREE IN FOLKLORE AND LITERATURE



The mango tree has been referenced in folklore and literature across various cultures, often symbolizing different themes such as love, fertility, and abundance. Here are a few examples:

- ❖ **Folklore from South Asia:** In South Asian folklore, the mango tree is often depicted as a sacred or auspicious tree. Stories and myths are woven around the mango tree, portraying it as a symbol of prosperity and good fortune. In some tales, it is believed that spirits or deities reside in mango trees, and people pay homage to them by offering prayers and rituals under these trees.
- ❖ **Literature in India:** Indian literature, both classical and modern, frequently references the mango tree. In classical Sanskrit literature such as the Mahabharata and Ramayana, mangoes are mentioned as symbols of love, fertility, and beauty. In modern Indian literature, mangoes and mango trees are used as metaphors to convey various themes, including nostalgia, identity, and cultural heritage.
- ❖ **Caribbean Folklore:** In Caribbean folklore, particularly in countries like Jamaica and Trinidad and Tobago, the mango tree features prominently in myths and legends. It is often associated with ancestral spirits and supernatural beings. Mango trees are believed to possess mystical powers, and stories are told about encounters with spirits or ghosts that inhabit these trees.
- ❖ **Latin American Literature:** In Latin American literature, mango trees are celebrated for their lush foliage, sweet fruit, and cultural significance. Mangoes and mango trees are woven into the fabric of Latin American life, appearing in poetry, stories, and folklore.

DESCRIPTION OF THE ACTIVITY

First all group members discussed and chosen the Mango tree then we bring the mango plant from nearby nursery then further plantation and whole Activity is carried out in our College/Campus.



CONCLUSION

Mango tree plantation can be a profitable and sustainable farming activity, as mangoes are one of the most popular and widely consumed fruits in the world. Planting mango trees requires careful selection of the variety, suitable site, and proper soil preparation. Regular watering, fertilization, and pruning are essential for healthy growth and maximum yield.

Overall, mango tree plantation can be a profitable and environmentally friendly farming activity, contributing to the economic and social development of communities while preserving natural resources for future generations.

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CERTIFICATE OF COMPLETION

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For the completion of

"Plantation and Adoption of a Tree"

Activity in the subject of Social Connect And Responsibility



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