



BHARAT INSTITUTE OF TECHNOLOGY

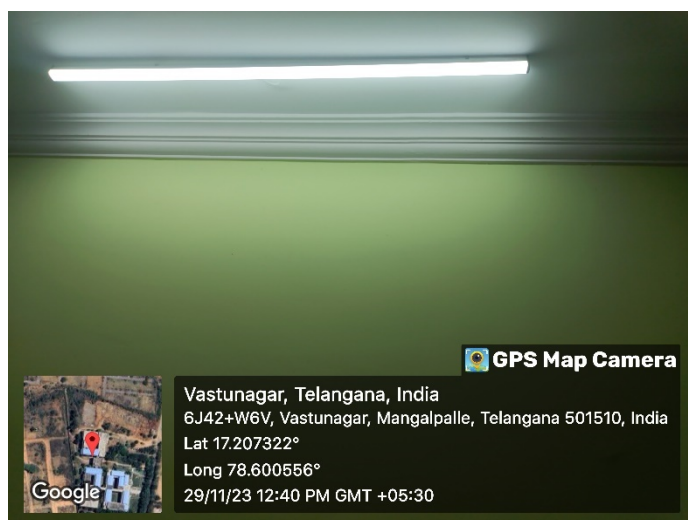
Mangalpally, Ibrahimpatnam, R. R. District, PIN-501510

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Renewable source of energy and Solar energy



LED Bulbs usage in college



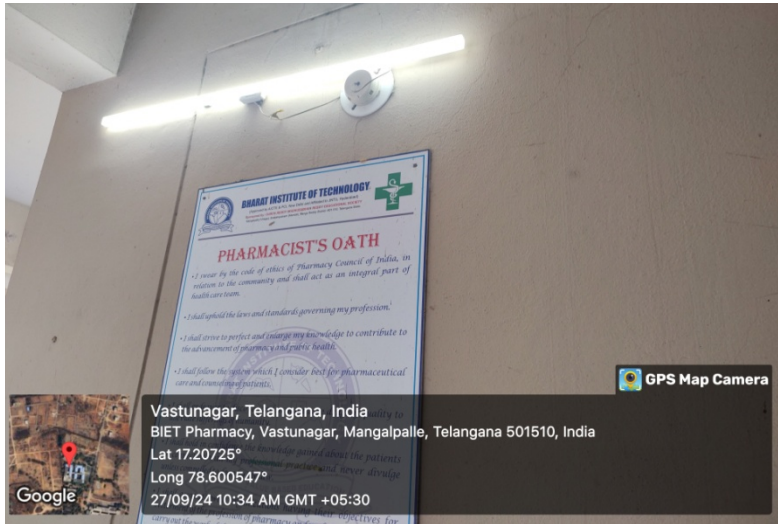
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Solar Energy Panel



Use of Battery powered vehicles

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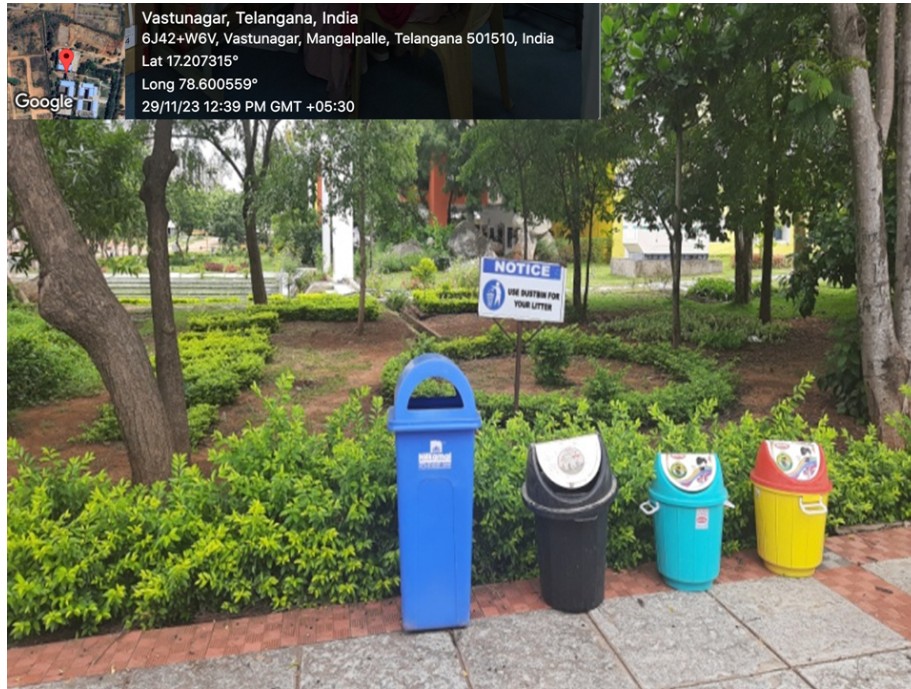


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Waste management (separate bins for Dry and wet wastes)



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Hazardous Chemicals and safety management



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Restricted entry of motor vehicles



Pedestrian friendly pathways



[Signature]
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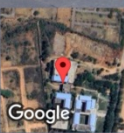


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Wheel chair facility for the disabled



Vastunagar, Telangana, India
BIET Pharmacy, Vastunagar, Mangalpalle, Telangana 501510, India
Lat 17.207349°
Long 78.600565°
27/03/23 04:55 PM GMT +05:30

GPS Map Camera

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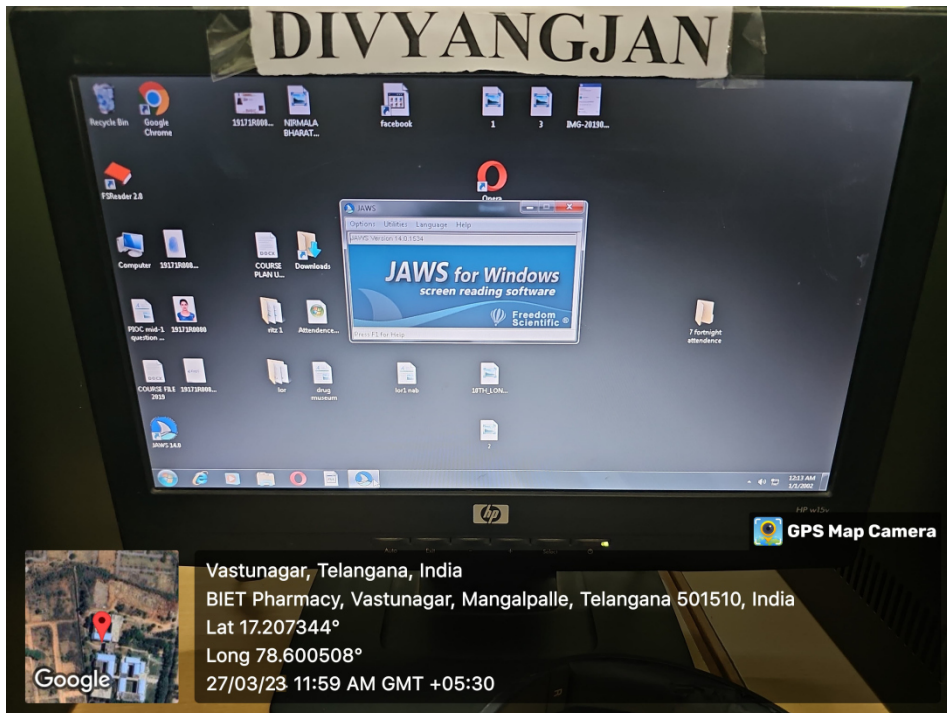


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PC with JAWS screen reading software for the disabled students



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Water conservation facilities in the campus



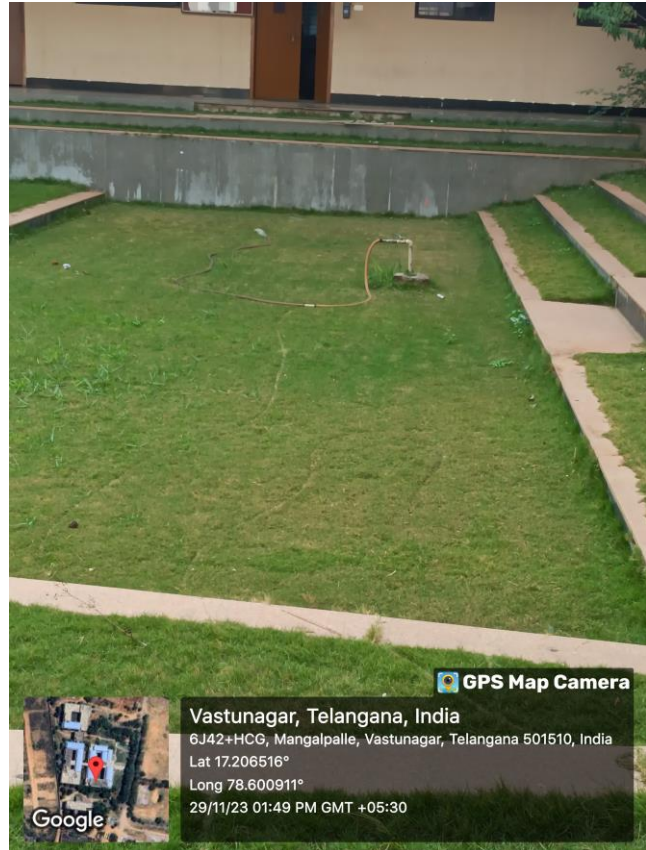
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MEDICINAL GARDEN

The well established medicinal plant garden is available in the area of about 200 sqmts. The objective of establishing this garden is to maintain conservatory of the most common and important species of medicinal plants which are being used in day-to-day primary health care

- ✓ Medicinal garden is maintained by department of Pharmacognosy
- ✓ The total area of the garden is 200 square meters.
- ✓ The boundary of the garden is well demarcated.
- ✓ The overlook of the garden gives an impression of a permanent arrangement.
- ✓ Various types of herbs, shrubs, trees, plants growing under shade have been planted in demarcated area
- ✓ Proper water supply, sufficient sunlight are maintained with sufficient shade.
- ✓ All the plants present in the medicinal garden are protected from weeds.
- ✓ Name boards are fixed by detailing the name of the plants.

List of Medicinal plants planted in the garden

Common name	Botanical name	Famiy	Composition /Parts useful	Medicinal Uses
ORCHID TREE	<i>BauheniaVariegata</i>	Fabaceae	Triterpenoids (Whole plant)	Anti-helmenthic
VAILI (Chaste tree)	<i>Vitex Negundo</i>	Lamiaceae	Isoquercetin (whole plant)	Antiinflammatory
YELLOW BELLS	<i>Tecoma Stans</i>	Bjgonaceae	Phytosterol alkaloids (Leaves)	Diuretic
KUKKA VELAGA	<i>Naringi Crenulata</i>	Rutaceae	Phenols (leaves)	Dysentry and Epilepsy
SEEMA BURUGA	<i>Jatropha Glandulifera</i>	Euphorbiaceae	Jatrophine (Seeds, leaves, roots & Latex)	Skin disorders and snake bites
FIG	<i>Ficus Carica</i>	Moraceae	Polyphenols (fruit)	Laxative
BAEL	<i>Crateva Marmelos</i>	Rutaceae	Alkaloids (Fruit, leaves)	Antidysentry
TULSI	<i>Ocimum sanctum</i>	Lamiaceae	Leaves/Seed	Cough, Cold, bronchitis, expectorant
POMEGRANATE	<i>Punica granatum</i>	Punicaceae	Anthocyanins (fruit)	Antioxidant
HIBISCUS	<i>Hibiscus Rosa Sinensis</i>	Malvaceae	Flavonoids, Biotin (Leaves and flowers)	Antimicrobial
GUAVA	<i>Psidium Guava</i>	Myrtaceae	Vit-C, Folic acid (fruit and Leaves)	Antidiabetic, Anticholesterol
NEEM	<i>Azadirachta indica</i>	Meliaceae	Nimbin (leaves and fruits)	Antiseptic, Antidiabetic
MANGO	<i>Mangifera Indica</i>	Anacardiaceae	IsoMangiferin, Tannins (fruit and leaves)	Analgesic, epilepsy, hypertensive and Antiviral
AMLA	<i>Phyllanthus Emblica</i>	Phyllanthaceae	Fruit	Vitamin — C, cough, diabetes, cold, laxativ, hyper acidity.
GANNERU	<i>Neerium Indica</i>	Apocyanaceae	Nereoderin (Root Bark)	Diuretic, emetic
SAPTAPARNI	<i>Alstonia Scholaris</i>	Apocyanaceae	Triterpenoids	Antipyretic
ASHOKA	<i>Saraca asoca</i>	Caesalpinaceae	Bark, Flower	Menstrual Pain, uterine, disorder, Diabetes
ASHWAGANDHA	<i>Withania somnifera</i>	Solanaceae	Root, Leafs	Restorative Tonic, stress, nerves disorder, aphrodisiac
BRAHMI	<i>Bacopa monnieri</i>	Scrophulariaceae	Whole plant	Nervous, Memory enhancer, mental disorder
CHIRATA	<i>Swertia chiraita</i>	Gentianaceae	Whole Rant	Skin Desease, Burning, sensation, fever
GUDMAR	<i>Gymnema sylvestre</i>	Asclepiadaceae	Leaves	Diabetes, hydrocil, Asthama.
GUGGUL	<i>Commiphora wightii</i>	Burwaccac	Gum rasine	Rheumatid arthritis, paralysis, laxative
KALMEGH	<i>Andrographis paniculata</i>	Scanthaceae	Whole Rant	Fever, weakness, release of gas.
MAKOI	<i>Solanum nigrum</i>	Solanaceae	Fruit	Dropsy, General debility, Diuretic, anti dysenteric
PASHAN BHEDA	<i>Coleus barbatus</i>	Lamiaceae	Root	Kidney stone
SARPAGANDHA	<i>Ranwolfia serpentine</i>	Apocynaceae	Root	Hyper tendon, insomnia
SHATAVARI	<i>Asparagus acemosus</i>	Liliaceae	Tuber, root	Enhance lactation, general weakness, fatigue, cough
SENNA	<i>Cassia augustifolia</i>	Liliaceae	Dry Tubers	Rheumatism, general debility tonic, aphrodisiac
VAI VIDANGA	<i>Embelia Ribes</i>	Myrsinaceae	Root, Fruit	Skin disease, Snake Bite, Helminthiasi
PEPPERMINT	<i>Mentha pipertia</i>	Lamiaceae	whole plant	Digestive, Pain killer
HENNA/MEHDI	<i>Lawsennia iermis</i>	Lytharaceae	whole plant	Burning, Steam, Anti Imflammatory
PALASH	<i>Butea Monosperma</i>	Fabaceae	Glucosides (Flowers)	Immunity and energy beverages
GRITKUMARI	<i>Aloe Verra</i>	Liliaceae	Fresh leaves	Laxative, wound healing, skin burns, ulcer, Antidiabetic
SADABAHAR	<i>Vincea rosea</i>	Apocyanaceae	Whole Rant	Leaukemia, hypotensiv, antispasmodic, antidote
BRINGHRAJ	<i>Eclipta alba</i>	ASTERACEAE	Seed	Anti-inflammatory, Digestive, hairtonic.
KUCHLA	<i>Strychnus nuxvomica</i>	Loganiaceae	Seed	Nervous, Paralysis, healing wound
HARIDA	<i>Terminalia chebula</i>	Combretaceae	Seed	Wound ulcer, leprosy, inflammation, cough
BAHERA	<i>Terminalia bellerica</i>	Comretaceae	whole paint	Cough, insomnia, dropsy, vomiting
GOKHRU	<i>Tribulus terrestris</i>	Lygophyllaceae	Whole Rant	Sweet cooling, Aphrodisiac, appetizer, digestive, urinary



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ANANTMOOL	<i>Hemidesmus indicus</i>	Asclepiadaceae	Root, leaf	Appetiser, Carminative, aphrodisiac, astringent
MANDUKAPARNI	<i>Centella asiatica</i>	Umbelliferae	Whole plant	Antiinflammatory, Jundice, Diuretic, Diarrhoea
DULAGONDI	<i>Mucuna Pruriens</i>	Fabaceae	Whole plant	Nervous, Disorder, Constipation, Nephromy, Strangury, Dropsy
DALCHINI	<i>Cinnamomum</i>	Lauraceae	Bark, Oil	Bronchitis, Asthma, Cardiac, Disorder, Fever
KUTAJA	<i>Holarhenna</i>	Apocynaceae	Bark, Seed	Scabies, Antipyretic, Amoibic dysentery
ATIS	<i>Aconitum heterophyllum</i>	Ranunculaceae	Root	Astringent, tonic, diarrhea, dyspepsia, cough
NARANJI VAMU	<i>Apium graveolens</i>	Umbelliferae	Root	Dropsy, laxative, appetizer anthelmintic antispasmodic
INDRAYAN/VERRI	<i>Citrullus colocynthis</i>	Curcubitaceae	Root	Atipyretic, bronchitis, asthma jaundice anemia, elephantiasis

Geo pics of some important flora available in the campus



Phyllanthus emblica



Catharanthus roseus



Ocimum sanctum



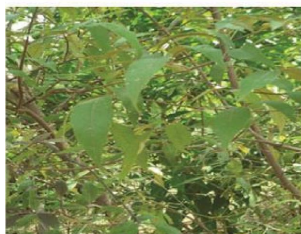
Nyctanthes arbor-tristis



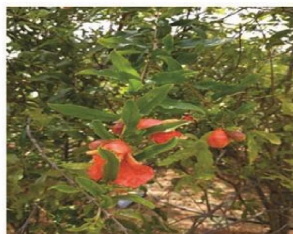
Clitoria ternatea



Psidium guajava



Vitex negundo



Punica granatum



Hibiscus rosa-sinensis



Adhatoda vasica



Cocos nucifera



Nerium indicum

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Sterculia foetida



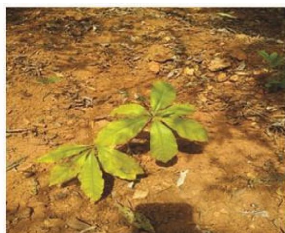
Euphorbia milli



Alstonia Scholaris



Blyphyllant

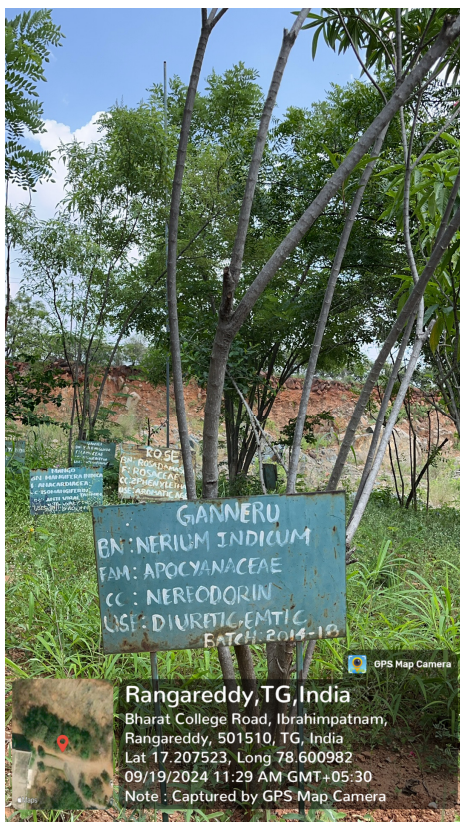


Coroupita Gulaneis



Bauhinia variegata

Geotagged pics of the Important Medicinal plants available in the Medicinal garden



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