

A nighttime photograph of a well-maintained university campus. A central paved path leads through a lush green lawn, flanked by manicured hedges. In the background, there are modern buildings with warm interior lights visible through large windows. Tall trees and streetlights provide ambient lighting. The overall atmosphere is serene and modern.

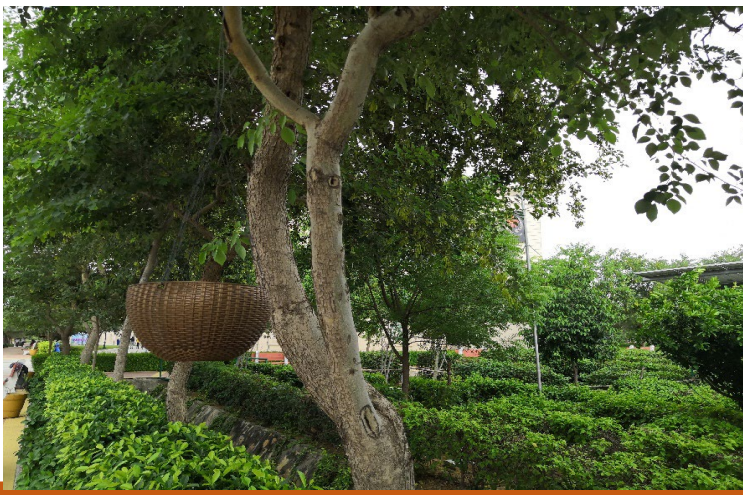
# Green Campus at Manipal University Jaipur



**MANIPAL UNIVERSITY  
JAIPUR**

*(University under Section 2(f) of the UGC Act)*

## GREEN CAMPUS





## GREEN CAMPUS- Biodiversity at MUJ

Total Green area of Campus per Capita is 7.34							
Unit	Academic	Hostel	Housing	total Green Area	No. of Studesnts and Staff		
Area Green Cover in Sq Mtr	33,324.44	19,395.86	13,500.00	66,220.30	9026	7.34	

### Green Area at MUJ

	Ocupied Green Area	Sq. Mtr
a	lawn	26488.1197
b	tree covered	2648811.97
c	hedges	13244.05985
d	potted plant	1000



### Sowed Tree in MUJ Last Year

sowed Tree quantity	
	110MUJ
	110MUJ
	6000MUJ
	512MUJ
	82MUJ
	47MUJ
	47MUJ
	47MUJ
	100hostel
<b>Total</b>	<b>7055</b>
<b>PAX</b>	<b>1500</b>
<b>Per</b>	<b>4.7033333</b>
<b>Capita</b>	<b>33</b>



## GREEN CAMPUS- Biodiversity at MUJ

### Plant Species

Name Of Plant
1 Murraya Exotica
2 Nerum Olegander Dwarf
3 Vernonia Elegfolia
4 Clerodenrum Inermie
5 Bougainvillea Subra Whir
6 Euphorbia Milli Pimk
7 Ficus Panda
8 Alamanda Dwarf- Yellow
9 Ixora Dwarf- Pink
10 Plumeria Alba
11 Cycas Revoluta
12 Rhoeo Discolor
13 Raphes Palm
14 Barleria Ubusa
15 Gulfumia Guluska
16 Railway Creeper

### Tree Species

Sr. No.	Name Of Tree
1	Delbergia Sisoo
2	Terminalia Arjuna
3	Allestonia
4	Bhuhania balkenia
5	Silver Oak
6	Jcaranda Memumsfolia
7	Chakresic
8	Karanj
9	Ficus Verins
10	Delonix Regia
11	Terminalia Chattapa
12	Azadrichata Indica
13	Dates Palm
14	Lagerstromia Indica
15	Golden Bamboo
16	Ficus Benjamina
17	Mimusops Elengi
18	Mango
19	Jamun
20	Terminalia Mantaly
21	Cassia Fistula
22	Lagerstromia Florreginae
23	Tecoma Gouri Chori
24	Sadabhar Mango Tree

➤ [Medicinal Plants at MUJ \(click here\)](#)



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## Campus Green Rated





## Green Programs



**Toilet Block at Bagru Police  
Station, Jaipur**

**Tree Plantation on Roadside at vicinity**



## Green Programs



## T44 Gulmohar *Fabaceae*

Planted by - Shri Purushottam Agarwal  
Year of Plantation - 2014  
Family- Leguminosae - Leguminosae



Nature -Deciduous

Climate -Temperate and tropical  
Texture of leaf -wrinkled/pubescent  
Shape & Colour of leaf -Range from pinnately or palmately compound to simple,Green

Foliage of tree -Dense  
Soil Type -soil that is above freezing temperatures and offers enough warmth

Height of tree - 10-15m  
Diameter of trunk - 2 inches

Region - predominant outside the tropics

Uses

- Anti-diabetic activity
- To treat polymenorrhoea, anemia, ulcers and menorrhagia (during pregnancy).
- In the treatment of diarrhoea. In overcoming the protein deficiency Kwashiorkor and can also impact hypocholesterolaemic conditions, and thyroxine-Induced hyperglycaemia.

## T43 Kadamb *Neolamarckia cadamba*

Planted by - Smt. Vasanti Pai  
Year of Plantation - 2012  
Family- Madder family



Nature -Evergreen

Climate -Tropical  
Shape & Colour - Flowers: flowers are sweetly fragrant, red to orange in colour, occurring in dense

Foliage of tree- broad crown and straight cylindrical bole

Soil Type -it grows well in deep moist alluvial soils, often along river banks.

Height of tree - up to 45 m  
Diameter of trunk - 100cm

Region - South and Southeast asia

Uses

- Low-grade timber and paper
- Timber is used for plywood and light construction.

## T10 Saat Patti *Alstonia scholaris*

Planted by - Dr. Ajay Kumar  
Year of Plantation - 21st March 2012  
Family- Apocynaceae



Nature -Evergreen

Climate - Tropical  
Leaf Texture - Glossy & Greyish.

Leaf Shape & Colour - Flattened roots similar to buttresses.

Foliage Shape - Slightly round.

Soil Type - Red Alluvial

Tree Height - 20-40 mts.  
Bark Diameter - 100-200cms.

Region - Malaysia Pakistan

Uses

- Alstonia scholaris has been used in different system of traditional medication for the treatment of diseases.
- The wood of Alstonia scholaris has been recommended for the manufacture of pencils.
- Wood close to the root is very light and of white color, and is used for net floats, household utensils, trenchers, corks, etc.
- Used for landscape purpose.

## T19 Bottle Brush *Callistemon*

Planted by - D.S.Chauhan  
Year of Plantation - 18-01-2017  
Family- Myrtle



Nature -Evergreen

Climate - Temperate regions

Texture of flower- Fury

Shape & Colour - Flower: Red flower spikes

Foliage of tree - Crown is rounded

Soil Type - Well-drained, sandy soil. Also grow in clay or loam

Height of tree- 10-15 ft  
Diameter of tree- 10 to 15m

Region - Western North America and in colder regions in greenhouses

Uses

- Ornamental landscaping
- Common remedies for treatment of diarrhoea, dysentery and rheumatism

## T15 Maulsari *Minusops elengi*

Planted by - Ms Krishna Poonia  
Year of Plantation - 18-01-2017  
Family- Sapotaceae (Mahua family)



Nature -Evergreen

Climate - Summer season

Shape & Colour - Bark: Thick bark and appears dark brown in color

Foliage of tree - Glossy, dark green leaves

Soil Type -Rich free draining loamy and sandy soil with PH of 5.5-6.5

Height of tree- 9-18 m (30-59 ft)

Diameter of trunk - 1m (3ft 3in)

Region - Tropical forest in South Asia, Southeast Asia and northern Australia

Uses

- Treatment and maintenance of oral hygiene
- Rinsing mouth with water solution made with bark helps in strengthening the teeth
- Prevents bad breath
- Keeps gums healthy

## T19 Bottle Brush *Callistemon*

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Height of tree- 10-15 ft  
Diameter of tree- 10 to 15m

Region - Western North America and in colder regions in greenhouses

Uses

- Ornamental landscaping
- Common remedies for treatment of diarrhoea, dysentery and rheumatism

## T40 Rugtoora *Spathodea campanulata*

Planted by -Shri N.R Narayan Murthi  
Year of Plantation - 2018  
Family- Bignoniaceae



Nature -Deciduous

Climate - Cooler tropical climate  
Shape & Colour - Bark: when young is pale grey brown and smooth which turns to grey-black.

Foliage of tree- Compact, round crown of dense and dark green foliage

Height of the tree - 7-25 m

Region - West coast from Guinea to Angola, and inland across the tropical rainforest region to southern Sudan and Uganda

Uses

- Cure rashes and inflamed skin,
- Lower blood sugar levels.
- Treat ulcers,
- Treat diabetes,
- Cure glaucoma

## T39 Sheesham *Dalbergia sissoo*

Planted by - Shri G.S. Sandhu (IAS)  
Year of Plantation - 2014  
Family- Leguminosae - Mimosoideae



Nature - Deciduous Tree

Climate - Indian subcontinent and southern Iran  
Texture of trunk: are often crooked when grown in the open. Leaves are leathery

Foliage of tree- Round foliage

Soil Type - Soils range from pure sand and gravel to rich alluvium of river banks.

Height of tree- 25 m (82 ft)  
Diameter of trunk- 2-3 m

Region - Native to India, Pakistan and Nepal

Uses

- Decoration of leaves is useful in gonorrhoea.
- Wood is alterative, useful in leprosy, boils, eruptions and to allay vomiting.
- The wood is used for making doors, window frames, furniture, especially cabinets and much more.
- The pulp of wood is also used for making papers.

## T17 Neem *Azadirachta indica*

Planted by - Dr. Kiran Mazumdar Shan  
Year of Plantation - 9th August 2014  
Family- Mahogany family, Meliaceae



Nature -Evergreen

Climate - Tropical & Semi-Tropical Region  
Leaf Texture - Mildly soft

Leaf Shape & Colour - Long medium to dark green

Foliage Shape - Round

Soil Type - All types

Tree Height - 15 to 20 mts.  
Bark Diameter - 30-80 cms.

Region - Burma, Iran, India and Pakistan

Uses

- The neem tree is noted for its draught resistance. It can grow in many different type of soil.
- Dried neem leaves prevents insects from eating clothes and can also be used in storing rice.
- The flowers and the shoot are eaten as a vegetable.
- Products made from neem tree can be used as medicine.
- Neem is a key ingredient in pesticides.

## T24 Ashoka *Saraca asoca*

Planted by - Shri J.C.Mohanty  
Year of Plantation - 18-01-2017  
Family- Legumes



Nature -Evergreen

Climate -Rain-forest tree. Central areas of Deccan plateau

Texture of Bark: Warty surface

Shape & Colour - Leaf: Green colored leaves with oblong shape.

Foliage of tree: Shiny foliage

Height of the tree -10'-15' tall  
Diameter of trunk: 3m

Region - Central areas of the Deccan plateau

Uses

- Reduces acne, pimple
- Very useful in gynaecological conditions
- Boosts memory power
- Beneficial in diabetes

## T42 Bargad *Ficus benghalensis*

Planted by - Dr. Ramdas M. Pai  
Year of Plantation - 21-03-2012  
Family- Moraceae



Nature -Evergreen

Climate - Monsoon and rain forests  
Texture of leaf- leathery

Shape & Colour - Heart and green

Foliage of tree - Round Foliage

Soil Type - High moisture

Height of tree - up to 30m (100 ft)

Diameter of trunk - spreads laterally indefinitely

Region - south eastern region of India

Uses

- Boosts immunity
- Prevents depression
- Treats vomiting
- Lowers cholesterol
- Prevents inflammation

## T8 Peela Gulmohar *Petrophorum pterocarpum*

Planted by - Dr. D. Srikanth Rao  
Year of Plantation - 21st march, 2012  
Family- Legumes



Nature -Deciduous

Climate -Tropical warm climate

Leaf Texture - Fern like leaves

Leaf Shape & Colour - Rusty red tomentose.

Foliage Shape - Round

Soil Type - moist, but well drained soil.

Tree Height - Approx. 10 mts.  
Bark Diameter - 20-25 mts.

Region - Sri Lanka, the Andamans & Australia

Uses

- Gulmohar is well known for its beautiful flowers.
- It also has some medicinal properties like Anti-diabetic activity, Anti-bacterial activity, Anti-diarrheal property, Hepatoprotective/Cytotoxic property, Anti-microbial activity, Anti-inflammatory activity



## T6 Karanja *Millettia pinnata*

Indian sub continent & Southeast Asia

**Planted by** - Shree Abhay Jain

**Year of Plantation** - 21st March 2012

**Family**- Fabaceae



**Nature** - Evergreen

**Climate** - Humid & Sub Tropical Region

**Leaf Texture** - Soft & Shiny

**Leaf Shape & Colour** - Round & Glossy

Deep Green

**Foliage Shape** - Round  
**Soil Type** -Sandy stony & clayey

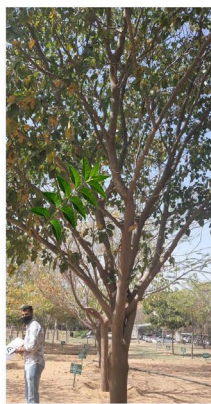
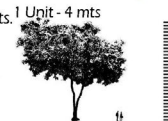
**Leaf type**- Pinnate

**Tree Height** - 15 to 25 mts.

**Bark Diameter** - 50 cms.

**Region** - Temperate Asia,

Australia



### Uses

- It is used for landscaping purpuss due to large canopy & snowy fragrant flowers.
- The bark can be used to treat wounds caused by poisonous fish.
- The fruits & sprouts are used in many traditional remedies.
- Its oil known as Pongamia oil is used in soap making & as a lubricant.
- The residue of oil extraction is used as a fertilizer.

## T45 Kachnar *Bauhinia variegata*

Eastern Africa

**Planted by** - Shri Sunil Arora

**Year of Plantation** - 16-04-2012

**Family**- Leguminosae - Legumes



**Nature** - Deciduous

**Climate**- The desert/desert terrain plain of Western or Eastern Ghats. Plateaus, plains of Ganges, Doab Punjab, eastern ranges, north east zone, high altitudes.

**Shape & Colour of tree** - Twigs of tree are slender, light green, angled, hairy and brownish grey in colour.

**Foliage of tree** -Spreading crown and a short bole.

**Soil Type** - Acid and Neutral

15 M

### Uses

- Treat hypothyroidism
- Controls blood sugar
- Treatment of digestive system problems



Zoomed Image



Leaf type



Flower type



## T9 Jamun *Eugenia jambolama*

Indian sub continen

**Planted by** - Brig(Dr.) P.S.Siwach(Retd.)

**Year of Plantation** - 21st March 2012

**Family**- Myrtaceae



**Nature** - Evergreen

**Climate** - Tropical & Sub Tropical Region

**Leaf Texture** - Smooth, Leathery

**Leaf Shape & Colour** - Glossy

Dark Green,Long with Pointy tips

**Foliage Shape** - Round

**Soil Type** - Deep Loamy

**Tree Height** - 30 mts.

**Bark Diameter** - 40-100 cms

**Region** - India, Myanmar & Srilanka



**Leaf type**- Pinnate

1 Unit - 5 mts



### Uses

- Jambolan fruits can be eaten raw or are made into jams.
- Fruits have great nutritional value.
- Jambolan is used in medicine for diabetes, swelling of the stomach, constipation, diarrhea & other conditions.
- Jamun fruit is used in treating common cold, cough & flu.
- Jamun fruit helps in regulating blood pressure.
- The tree bark can be used for decoration.

## T15 Maulsari *Minusops elengi*

South Asia

**Planted by** - Ms Krishna Poonia

**Year of Plantation** - 18-01-2017

**Family**- Sapotaceae (Mahua family)



Fruit type

**Nature** -Evergreen

**Climate** - Summer season

**Shape & Colour - Bark:** Thick bark and appears dark brown in color

**Foliage of tree** - Glossy, dark green leaves

**Soil Type** -Rich free draining loamy and sandy soil with PH of 5.5-8.5

**Height of tree**- 9-18 m (30-59 ft)

**Diameter of trunk** -1m (3ft 3in)

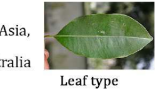
**Region** - Tropical forest in South Asia, Southeast Asia and northern Australia



Zoomed image



Flower type



Leaf type



### Uses

- Treatment and maintenance of oral hygiene
- Rinsing mouth with water solution made with bakul helps in strengthening the teeth
- Prevents bad breath
- Keeps gums healthy



# MANIPAL UNIVERSITY JAIPUR

<b>WORK ORDER</b>	<b>Date: 20-02-2023</b>
<b>PROJECT</b>	<b>MUJ::: PEBBLES</b>

<b>Vendor Address:</b> JUNGLE THE PLANT YARD 21 Milestone, Bikaner Jaipur Highway, Norangdesher, Bikaner, Rajasthan, 334022		<b>Project Address:</b> MANIPAL UNIVERSITY JAIPUR Dehmi Kalan, Off Jaipur-Ajmer Expressway Jaipur, Rajasthan-303 007	
		<b>Billing Address:</b> MANIPAL UNIVERSITY JAIPUR Dehmi Kalan, Off Jaipur-Ajmer Expressway Jaipur, Rajasthan-303 007	
GST:	08AUXPB7202N2Z4	GST:	08AAAJM1881F1Z6
PAN:	AUXPB7202N	PAN:	AAAJM1881F
<b>Contact Person:</b> Mr. Vijender Bagaria Email: <a href="mailto:thegardner100@gmail.com">thegardner100@gmail.com</a> Mobile: +91 9649444411		<b>Contact Person:</b> Pushpendra Kumar Sharma Mobile: +91 9116613642 Email: <a href="mailto:pushpendrakumar.sharma@jaipur.manipal.edu">pushpendrakumar.sharma@jaipur.manipal.edu</a>	
<b>Reference:</b> 1. Final offer received through email dated 29-11-2022.			

### Scope of Work & Pricing:

Sl No.	Description	Unit	Qty	Rate	Amount (Rs.)
1.	Supplying & Laying of River Pebbles Size: 2" – 3" Approximate Weight: 250-700 Gram Each				
A	Colour: Gray	MT	34	4,200.00	1,42,800.00
B	Colour: White	MT	34	4,200.00	1,42,800.00
<b>Total</b>					<b>2,85,600.00</b>
<b>Add: GST @ 18%</b>					<b>51,408.00</b>
<b>Grand Total</b>					<b>3,37,008.00</b>
<b>Rupees Three Lakhs Thirty-Seven Thousand Eight Only.</b>					
<b>Note:</b> The above value is inclusive of all levies, duties, taxes & GST and exclusive of Labour Cess (1%). No additional charges are applicable/payable for escalation, price variation and other charges. No escalation will be permitted during the progress of works on any account. Item rates in the annexed BOQ will remain constant till <b>Completion of Work.</b>					

**Start Date:**

Start Date:	22-02-2023
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**Completion Date:**

Completion Date:	28-02-2023
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**Payment Terms:**

Payment	a. Payments will be released within 15 days of receipt of materials in totality at Project site and bills duly certified by Project Manager / Consultants
	All payments will be released within 15 working days of submission of bills duly certified by the Project Manager.
	TDS will be deducted as per prevailing rules.
<b>Note:</b> <ul style="list-style-type: none"> <li>• All bills to be submitted to Project Site and to be certified by Project Manager, Store In charge.</li> <li>• Each RA bills submitted should have the details of this Work Order &amp; proof of Statutory Documents attached.</li> <li>• All RA bills to accompany measurement sheets jointly signed by your and MUJ Team.</li> <li>• Certification of the bill to be completed within 10 working days from date of submission of bill.</li> </ul>	

**WORK ORDER TERMS & CONDITIONS**

1. **Acceptance of Work Order:** Signing and returning the acknowledgment copy of the Work Order or, in any event of commencement of performance/delivery hereunder or thereunder shall constitute acceptance of Work Order. Acceptance of this order constitutes acceptance of all of the terms and conditions stated herein.
2. **Guarantee/Warranty:** The Comprehensive Warranty Period is One Year (12Months) from the date of completion of works in totality and same being certified by the consultants. You will repair / replace the defective works during this period without any cost to Manipal University Jaipur.
3. **Special Terms:**

Drawings approved by our Consultant **M/s Maser Plan and M/s Architect Hafeez Contractor** will form part of this Work Order and same needs to be strictly followed during working at site. No deviations will be permitted. You are requested to submit the copy of GA / Shop Drawings duly approved by the above-mentioned Consultants at our Office for records.

All tools & tackles required for execution of works to be arranged by contractor.

All mechanization method needs to be adopted for execution of work.

Security of materials at site will be responsibility of contractor.

Site Order book to be maintained at site for day-to-day instructions from Project Manager.

One competent supervisor to be stationed at site immediately till the completion of work.  
Site organization chart to be shared for during the execution period.

You should deploy your own equipment's to identify the levels. We will be sharing with the detailed drawings of the area where the work needs to be carried out only for getting the levels.

Boarding/Lodging of your team including site labour will be to your account.

4. **Non-Tendered Item:** Subject to inspection and acceptance, Manipal University Jaipur will be liable for payment only for quantities ordered (Mentioned in BOQ) and delivered unless otherwise specified. Non-Tendered Item must have prior written approval from Project Manager/Purchase Manager of Manipal University Jaipur and rates finalized before start of work. The rate finalization for no-tendered works will be at actual cost plus 15% OHP (Overheads & Profits). Any work done without approval from Project Manager will not be entertained and Manipal University Jaipur will not be liable for payment of NT Items. You are only allowed to work on Specific Block/Area mentioned in Work Order & BOQ. Any work done in any other Blocks/Area will not be entertained.
5. **Drawings:** Vendor shall ensure that all drawings/shades/colour/hardware/Workings etc. and data used have been certified by our Architects, Consultants & Project Manager for construction and that Goods are manufactured according to such drawings and data or any subsequent revisions thereof. Shades/Laminate/Hardware/Workings needs to be approved by our Architect and Project Team. Approval copy of the same to be submitted at our office. All works to be carried out as per the specifications in the annexure and drawings issued by our Architect. No deviations will be permitted. All the working drawings needs to be approved by our Architect & Project Team. Any deviation from the specifications in the annexure will be rejected by Manipal University Jaipur and Change/Replacement to be effected thereof will not be borne by Manipal University Jaipur. You need to coordinate with our Architect and Project Team to obtain the details of execution of work. Both the Architect and the Project team will be checking on the quality of the deliverables and any issue with quality, the work will be rejected.

Kindly coordinate with the Architect **M/s Master Plan** and **M/s Architect Hafeez Contractor** to obtain all final layouts/drawings and details to proceed with execution of works at site as per the start dates mentioned.

6. **Inspection:** Payment for the Goods/Work done provided under the Work Order shall not constitute Acceptance thereof. Manipal University Jaipur may inspect and test such Goods/Work and reject any or all items that are, in Manipal University Jaipur's sole judgment, non-conforming. Goods/Work rejected or supplies in excess of quantities ordered may be returned to Vendor at its expense. Failure by Manipal University Jaipur



to inspect and/or test the Goods shall not be deemed Acceptance by Manipal University Jaipur.

- 7. Quality:** If the quality of the finished item/s is not of acceptable standards, the same will be rejected by Manipal University Jaipur without any liability whatsoever. Any works rejected will be dismantled/demolished and redone by the Contractor at its own cost for which no compensation will be paid. All works executed to have approvals from Architect & Project Manager.

The Architect/MUJ shall, during the progress of the works, have power to order in writing from time to time removal from the works within such reasonable time or times as may be specified in the order, of any materials which in the opinion of the Architect are not in accordance with the Specification or the instructions of the Architect, the substitution of proper materials, and the removal and proper re execution of any work executed with materials or workmanship not in accordance with the Drawings and specifications, instruction; and the contractor shall forthwith carry out such order at his own cost. In case of default on the part of the contractor to carry out such order, MUJ shall have the power to employ and pay other persons to carry out the same; and all expenses consequent or incidental thereto as certified by the Architect shall be borne by the Contractor or may be deducted by MUJ from any moneys due or that may be come due to the contractor.

You will be deploying dedicated independent "Team" including experienced "Engineer" at site. Request you to share the details of your "Team" at site.

All mechanization method needs to be adopted for execution of work. Power, Water, Cement, Sand, Scaffolding, Safety Accessories. Etc. used at project site will be to your account. You are requested to share the details of mechanization and equipment to be deployed at site before the start of works and take necessary approvals from Project Manager. Usage of water for construction purpose to be as per norms.

You will be deploying your own security team and you will be responsible for the security of the site. Any theft of property belonging to Manipal University Jaipur/Other agencies due to laxity in security or by your labours will attract penalties apart from recovering the cost of stolen items.

Security of Materials at site will be your responsibility till it gets handed over to Manipal University Jaipur after submission of "Work Completion Report" duly endorsed by Project Manager/Architect/Project Team.

All the materials brought to the site shall become/remains the property of Manipal University Jaipur and shall not be shifted from site without written approval from Project Manager.

As this is to be a LEED/GRIHA certified project, your team to assist in all documentation on the same including implementation of the protocols and site readiness (including cleanliness of site) as per the requirement by the certification agency. Kindly coordinate with our Sustainability Consultant M/s Terravidis to get all the details and templates/procedures to be followed at site.

A handwritten signature in blue ink is located on the left side of the page. To its right, a large blue checkmark is drawn, indicating approval or completion.

8. **Sub-letting:** The whole of the works included in the contract shall be executed by the Contractor and the Contractor shall not directly or indirectly transfer, assign or sublet/the Contract or any part share thereof or interest therein without the written consent of Architect/ MUJ.
9. **Work Programme:** On receipt of this Work Order, the Contractor will have to submit the Work Programme, Bar Chart, PERT/CPM Chart for the approval of the Project Manager. Once approved, all the works will have to be executed as per the agreed schedule. No compensation will be paid to the Contractor for any delay in completion of the work on any account.  
  
Any delay in completion of works after the **Completion Date** will attract penalties which will be levied @ 1% of the Contract Value per week to the maximum of 5% of the Contract Value. (Refer attached terms for details).
10. **BOQ:** Quantities mentioned in the BOQ (Annexed) are approximate. Payments will be made as per actual quantities executed on ground. We reserve the right to add or delete or substitute any work/works within the scope as specified in BOQ for which no additional benefit/compensation will be paid to contractor.
11. **Documentation @ Site:** Contractor to maintain following documents at site:
  - a. **Site Order Book:** Site Order book to be kept at site for issuing necessary instruction to the contractor by Project Manager Or any representative of Manipal University Jaipur.
  - b. **Work Diary:** To keep daily account of labour employed and work executed on day-to-day basis.
12. **Weekly Progress Report:** Weekly Progress Report will have to be submitted by the Contractor in writing to the Project Manager which should include targets for the coming week / next week and progress achieved during the current week.
13. **Cleanliness of Site:** Contractor shall ensure Cleanliness of site. In case we (Project Manager/Project Team) found the work area not in clean condition, same will attract liquidated Damages. Liquidated Damages will be imposed at 1% of the Total Work Value and same will be deducted from RA Bills.
14. **Labour Accommodation:** All codes/guidelines of NBC-2016 to be followed for the labour/worker accommodation at site including instructions issued by Rajasthan State Pollution Control Board and COVID-19 guidelines issued by Government of India/State Government. In case of any default on this account, Manipal University Jaipur reserves the right to take necessary action (including imposing of penalties). Site within the campus will be provided for setting up the labour colony at no cost till original completion period of project only. The site establishment, temporary structures including labour colony shall be removed by the contractor on completion of works.
15. **Safety:** All safety measures including wearing of Helmets, Safety harness, Safety Belts, Goggles and Safety shoes to be strictly followed at site as per instruction of Engineer-In-



Charge. Safety of all your workers working at our project site will be your own responsibility. The Vendor/ Consultant/ Contractor/ alone shall be responsible to take all safety measures due to current COVID-19 Pandemic. In this regard the client shall not be responsible for any act, deed and things which may happen at site or office of the client. No "Child Labour" & "Women Labour" shall be employed by the contractor and should comply all statutory norms.

In case any of your labours found without wearing Safety Shoes, Safety Helmets or any safety accessories and defaulting on safety measure for COVID-19, an amount of Rs. 25,000.00 will be imposed as penalty per incidence.

16. **Insurance:** Vendor shall maintain adequate insurance in any and all forms necessary to protect both Vendor and Manipal University Jaipur against all liabilities, losses, damages, claims, settlements, expenses, and legal fees arising out of or resulting from performance of the Work Order.
17. **Statutory Compliance:** Within 14 days from the receipt of this letter the contractor shall provide Contractor's All Risk Policy Valid till the duration of contract + one month), Workmen Compensation Policy and Third-party Liability policy for the works and will include as endorsement the joint names of the Contractor and the Employer.

The policies to be provided by you shall be in place along with premium payment receipts before you are allowed to physically commence works at site.

Kindly ensure that all workers are covered under the statutory insurances under the Workman's Compensation Act as we will not be liable for damages in the event of any accident. Group Insurance to be taken by you for all workers working at site and a copy of the same to be sent to our office for records.

You shall observe and comply with all laws (PF, ESI, BOCW, etc.) applicable to workmen employed by you or any sub-contractor employer on the works. Relevant documents like Register of PF & ESI coverage for workmen employed at our site & Challan for remittances of PF & ESI for the period of deployment of workmen at our site to be submitted along with bills/invoices. In the event of any default by way of non-observance or non-compliance of the said laws/rules on your part or the sub-contractors, you shall indemnify Manipal University Jaipur against any liabilities and costs/expenses arising out of or in connection therewith. In the event of failure to submit the proof, amount towards the PF/ESI contribution will be deducted from your bill and paid to the respective department.

The contractors should register under the Contract Labour Act, obtain suitable licenses, and follow all the provisions of the contract labour (Abolishment Regulations Act). Prior to commencement of work, Contractor must obtain Labour License for this project.

No "Child Labour" & "Women Labour" permitted at Project Site.

RA Bill payments will be linked with the submission of statutory documents and any delay in submission of documents will delay the payments.

18. **Force Majeure:** If, at any time, during the currency of this Contract, the performance in whole or in part, by either party, of any obligation under this Contract, shall be prevented or delayed by reasons of war, hostility, acts of public enemy, civil commotion, sabotage, fires, floods explosions, epidemic, pandemic, lockdowns, quarantine restrictions, Acts or State or Acts or God, hereinafter referred to as eventualities, then the Contract period will get extended for the period of Force Majeure provided notice of the happenings of any such eventuality is given supported by a certificate of appropriate authority or Chamber of Commerce, by either party to the other, within 15 days from the date of occurrence thereof, neither party shall by reason of such eventuality be entitled to terminate this Contract, nor shall either party have any claim for damages against the other, in respect of such nonperformance or delay in performance and Work under this Contract shall resume as soon as practicable after such eventuality has come to an end or ceased to exist and the decision of the Department as to whether the Work has to be resumed shall be final and conclusive. Should one or both parties be prevented from fulfilling their contractual obligations by a state of Force Majeure lasting continuously for a period of at least three months, the parties shall consult each other regarding further implementation of the contract.

19. **Indemnity:** Contractor/Seller hereby agrees to indemnify and keep Client harmless against and from all costs, claims, damages, expenses, demands, liabilities, causes of action and proceedings of whatever nature, including legal fees on a full indemnity basis, arising from or as a consequence of Contractor's/Seller's breach of any of these terms and conditions or negligence in the supply of any goods and/or services under any Contract or any defect inherent in the goods supplied/service rendered or from infringement of any third party's intellectual property rights in carrying out the supply of any goods and/or services under such Contract.

20. **Termination of Contract:**

If the contractor has abandoned the contract or has failed to proceed with the work with due diligence or the progress of any particular item or is slow or he has failed to execute the work in accordance with the specifications, neglecting to carry out his obligation under the contract, then it shall be lawful for the employer to terminate the contract forthwith under written notice and to proceed with the balance of the work through any other agencies. During the course of execution of the job, in case the contractor has done any substandard work, he shall be asked in writing to dismantle and re-do the same at his own expenses. If the contractor fails to comply with the above instructions immediately, then the employer shall proceed with the above rectification work, through another agency or agencies. Similarly, if the contractor goes slowly on any particular item or items of work, the employer shall have the right to execute this item or items through another agency or agencies, including its own department.

21. **Confidentiality:** Any Work Order placed by Manipal University Jaipur including all accompanying designs, drawings, specifications, and information which may be treated as confidential and in particular the Supplier shall not make use of the Purchaser Name or the name of any companies associated with the Purchaser for publicity purposes without the consent of the Purchaser. Neither Vendor nor any of its subcontractors or affiliates shall cause or allow the name of "Manipal Group" (or any variation thereof) or any Manipal logo or mark, or that of any of its schools, Universities, Hospitals, departments,



or employees to be used in any advertising or promotional literature, electronic or otherwise, or in any publication whatsoever, without prior written approval of Manipal Group.

**22. Environmental Clause:**

- a. Adherence to all statutory requirements with respect to environment.
- b. Adherence to OCP 1 and OCP 25 while carrying out the work. (The procedures will be made available on request).
- c. Any environmental incidences that occur during the course of your activity shall be reported to Engineer in-charge.

**23. Cancellation:** Manipal University Jaipur has the right to cancel this Work Order and Contract for convenience, in whole or in part, at any time upon written notice to Contractor. Upon such Cancellation, vendor shall refund to Manipal University Jaipur any amount paid by Manipal University Jaipur under this Work Order.

**24. Dispute:** Any disputes related to this Work Order shall be subject to Courts of Jaipur Jurisdiction only. This Work Order shall be governed in accordance with the Laws of India.

You are requested to sign (on all pages) and return it to us as a token of acceptance of this Work Order.

Regards,

**For Manipal University Jaipur.**

  
**Authorized Signatory**

**CC:**

 1. Finance Office, Manipal University Jaipur.

**Accepted the Work Order with all Terms & Conditions.**

\_\_\_\_\_  
**Signature of the Contractor with Date**



# MANIPAL UNIVERSITY JAIPUR

<b>PURCHASE ORDER</b>	<b>Date: 06-12-2022</b>
<b>PROJECT</b>	<b>MUJ::: Plants Supply</b>

<b>Vendor Address:</b>		<b>Project Address:</b>	
JUNGLE THE PLANT YARD 21 Milestone, Bikaner Jaipur Highway, Norangdesher, Bikaner, Rajasthan, 334022		MANIPAL UNIVERSITY JAIPUR Dehmi Kalan, Off Jaipur-Ajmer Expressway Jaipur, Rajasthan-303 007	
		<b>Billing Address:</b>	
		MANIPAL UNIVERSITY JAIPUR Dehmi Kalan, Off Jaipur-Ajmer Expressway Jaipur, Rajasthan-303 007	
GST:	08AUXPB7202N2Z4	GST:	08AAAJM1881F1Z6
PAN:	AUXPB7202N	PAN:	AAAJM1881F
<b>Contact Person:</b>		<b>Contact Person:</b>	
Mr. Vijender Bagaria Email: <a href="mailto:thegardner100@gmail.com">thegardner100@gmail.com</a> Mobile: +91 9649444411		Pushpendra Kumar Sharma Mobile: +91 9116613642 Email: <a href="mailto:pushpendrakumar.sharma@jaipur.manipal.edu">pushpendrakumar.sharma@jaipur.manipal.edu</a>	
<b>Reference:</b>			
1. Final offer received through email dated 29-11-2022.			

### Scope of Supplies & Pricing:

Sl No.	Description	Amount (Rs.)
1.	<b>Plants Supply</b> at Academic Block-3 of Manipal University Jaipur (Detailed BOQ with specifications annexed to this Order).	12,01,825.00
<b>Total</b>		<b>12,01,825.00</b>
Rupees Twelve Lakhs One Thousand Eight Hundred and Twenty-Five Only.		

**Note:** The above value is inclusive of GST, Packing, Loading, Transportation, Transit Insurance, Unloading, etc. No additional charges are applicable/payable for escalation, price variation and other charges. Item rates in the annexed BOQ will remain constant till **Completion of Supplies.**

<b>Material Delivery at Project Site</b>	<b>31-12-2022</b>
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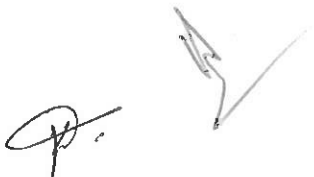
### Payment Terms:

a. Payments (less Retention @ 5%) will be released within 15 days of handover of materials in totality at Project site and bills duly certified by Project Manager / Consultants.
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Payment	b. 5% of the final bill amount will be retained as "Retention Amount" and same will get released on completion of Defect Liability Period (DLP) of 06 (Six) Months from the date completion and handover.
	All payments will be released within 15 working days of submission of bills duly certified by the Project Manager.
<p>Note:</p> <ul style="list-style-type: none"> <li>• All bills to be submitted to Project Site and to be certified by Project Manager, Store In charge.</li> <li>• Each RA bills submitted should have the details of this Purchase Order &amp; proof of Statutory Documents attached.</li> <li>• All RA bills to accompany measurement sheets jointly signed by your and MUJ Team.</li> <li>• All bills for this Purchase Order to be raised from your Jaipur Office.</li> </ul>	

### PURCHASE ORDER TERMS & CONDITIONS

1. **Acceptance of Purchase Order:** Signing and returning the acknowledgment copy of this Purchase Order or, in any event of commencement of performance/delivery hereunder or thereunder shall constitute acceptance of Purchase Order. Acceptance of this Purchase Order constitutes acceptance of all of the terms and conditions stated herein.
2. **Guarantee:** Any Plants supplied by you, if found dead with a period of 06 (Six Months) from the date of Supply, will be replaced by you at no extra cost.
3. **Non-Tendered Item:** Subject to inspection and acceptance, Manipal University Jaipur will be liable for payment only for quantities ordered (Mentioned in BOQ) and delivered unless otherwise specified. Non-Tendered Item must have prior written approval from Project Manager/Purchase Manager of Manipal University Jaipur and rates finalized before start of production. Any supplies done without approval from Project Manager will not be entertained and Manipal University Jaipur will not be liable for payment of NT Items.
4. **Drawings:** Vendor shall ensure that all drawings/shades/colour/hardware/Workings etc. and data used have been certified by our Architects, Consultants & Project Manager for construction and that Goods are manufactured according to such drawings and data or any subsequent revisions thereof. Shades/Laminate/Hardware/Workings needs to be approved by our Architect and Project Team. Approval copy of the same to be submitted at our office. All supplies to be carried out as per the specifications in the annexure and drawings issued by our Consultant. No deviations will be permitted. All the working drawings needs to be approved by our Consultants & Project Team. Any deviation from the specifications in the annexure will be rejected by Manipal University Jaipur and Change/Replacement to be effected thereof will not be borne by Manipal University Jaipur. You need to coordinate with our Consultant and Project Team to obtain the details. Both the Consultant and the Project team will be checking on the quality of the deliverables and any issue with quality, the supplies will be rejected.



Kindly coordinate with Architect M/s Master Plan and M/s Architect Hafeez Contractor to obtain all final layouts/drawings and details to proceed with Procurement and delivery at site as per the dates mentioned.

5. **Inspection:** Payment for the Goods provided under the Purchase Order shall not constitute Acceptance thereof. Manipal University Jaipur may inspect and test such Goods and reject any or all items that are, in Manipal University Jaipur's sole judgment, non-conforming. Goods rejected or supplies in excess of quantities ordered may be returned to Vendor at its expense. Failure by Manipal University Jaipur to inspect and/or test the Goods shall not be deemed Acceptance by Manipal University Jaipur.
6. **Quality:** If the quality of the supplied item/s is not of acceptable standards, the same will be rejected by Manipal University Jaipur without any liability whatsoever. Any supplies rejected will be dismantled/demolished and redone by the Supplier at its own cost for which no compensation will be paid. All supplies to have approvals from Consultant & Project Manager.

All the materials brought to the site shall become/remain the property of Manipal University Jaipur and shall not be shifted from site without written approval from Project Manager.

7. **Sub-letting:** The whole of the supplies included in the contract shall be executed by the Supplier and the Supplier shall not directly or indirectly transfer, assign or sublet/the supplies or any part share thereof or interest therein without the written consent of Consultant/MUJ.

Any delay in supplies after the **Delivery Date** will attract penalties which will be levied @ 1% of the Contract Value per week to the maximum of 5% of the Contract Value. (Refer attached terms for details).

8. **BOQ:** Quantities mentioned in the BOQ (Annexed) are approximate. Payments will be made as per actual quantities supplied. We reserve the right to add or delete or substitute any supply/supplies within the scope as specified in BOQ for which no additional benefit/compensation will be paid.
9. **Insurance:** Vendor shall maintain adequate insurance in any and all forms necessary to protect both Vendor and Manipal University Jaipur against all liabilities, losses, damages, claims, settlements, expenses, and legal fees arising out of or resulting from performance of the Purchase Order.
10. **Force Majeure:** If, at any time, during the currency of this Contract, the performance in whole or in part, by either party, of any obligation under this Contract, shall be prevented or delayed by reasons of war, hostility, acts of public enemy, civil commotion, sabotage, fires, floods explosions, epidemic, pandemic, lockdowns, quarantine restrictions, Acts or State or Acts or God, hereinafter referred to as eventualities, then the Contract period will get extended for the period of Force Majeure provided notice of the happenings of any such eventuality is given supported by a certificate of appropriate authority or Chamber of Commerce, by either party to the other, within 15 days from the date of occurrence

thereof, neither party shall by reason of such eventuality be entitled to terminate this Contract, nor shall either party have any claim for damages against the other, in respect of such nonperformance or delay in performance and Supplies under this Contract shall resume as soon as practicable after such eventuality has come to an end or ceased to exist and the decision of the Department as to whether the Supplies has to be resumed shall be final and conclusive. Should one or both parties be prevented from fulfilling their contractual obligations by a state of Force Majeure lasting continuously for a period of at least three months, the parties shall consult each other regarding further implementation of the contract.

**11. Indemnity:** Contractor/Seller hereby agrees to indemnify and keep Client harmless against and from all costs, claims, damages, expenses, demands, liabilities, causes of action and proceedings of whatever nature, including legal fees on a full indemnity basis, arising from or as a consequence of Contractor's/Seller's breach of any of these terms and conditions or negligence in the supply of any goods and/or services under any Contract or any defect inherent in the goods supplied/service rendered or from infringement of any third party's intellectual property rights in carrying out the supply of any goods and/or services under such Contract.

**12. Termination of Contract:**

If the supplier has abandoned the contract or has failed to proceed with the supplies with due diligence or the progress of any particular item or is slow or he has failed to execute the supplies in accordance with the specifications, neglecting to carry out his obligation under the contract, then it shall be lawful for the employer to terminate the contract forthwith under written notice and to proceed with the balance of the supplies through any other agencies. During the course of supplies, in case the supplier has done any substandard supplies, he shall be asked in writing to re-supply with correct specification at his own expenses. If the supplier fails to comply with the above instructions immediately, then the employer shall proceed with the supplies through another agency or agencies. Similarly, if the supplier goes slowly on any particular item or items, the employer shall have the right to have supply of this item or items through another agency or agencies, including its own department.

**13. Confidentiality:** Any Purchase Order placed by Manipal University Jaipur including all accompanying designs, drawings, specifications, and information which may be treated as confidential and in particular the Supplier shall not make use of the Purchaser Name or the name of any companies associated with the Purchaser for publicity purposes without the consent of the Purchaser. Neither Vendor nor any of its subcontractors or affiliates shall cause or allow the name of "Manipal Group" (or any variation thereof) or any Manipal logo or mark, or that of any of its schools, Universities, Hospitals, departments, or employees to be used in any advertising or promotional literature, electronic or otherwise, or in any publication whatsoever, without prior written approval of Manipal Group.

**14. Cancellation:** Manipal University Jaipur has the right to cancel this Purchase Order and Contract for convenience, in whole or in part, at any time upon written notice to Contractor. Upon such Cancellation, vendor shall refund to Manipal University Jaipur any amount paid by Manipal University Jaipur under this Purchase Order.

15. **Dispute:** Any disputes related to this Purchase Order shall be subject to Courts of Jaipur Jurisdiction only. This Purchase Order shall be governed in accordance with the Laws of India.

You are requested to sign (on all pages) and return it to us as a token of acceptance of this Purchase Order.

Regards,

**For Manipal University Jaipur.**

  
**Authorized Signatory**

**CC:**

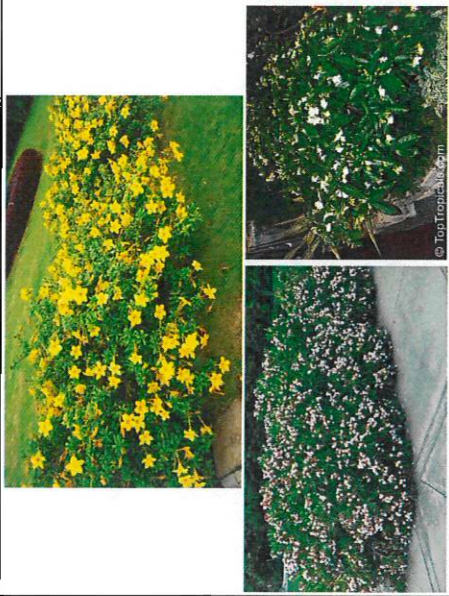
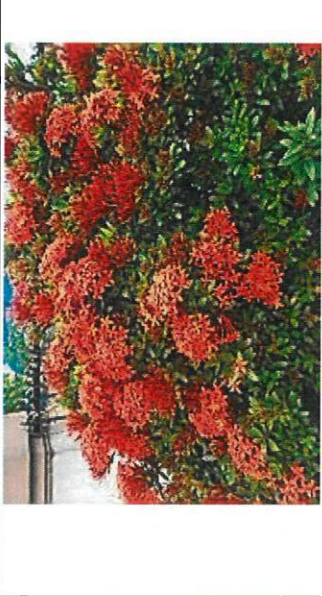

1. Finance Office, Manipal University Jaipur.



**Accepted the Purchase Order with all Terms & Conditions.**

\_\_\_\_\_  
**Signature of the Contractor with Date**

MANIPAL UNIVERSITY JAIPUR  
PLANTS SUPPLIES



Item No	Particulars	Unit	Qty	Rate	Amount	Illustrations
A	SOFT LANDSCAPE - GROUND ::: (SUPPLY OF PLANTS)					
1	<p><b>SHRUBS AND GROUND COVERS</b>  Choice of plants  * Allamanda nerifolia dwarf - 450mm c/c  * Russelia juncea - 450mm c/c  * Nerium oleander dwarf - 450mm c/c  * Alpinia variegated - 450mm c/c  * Phyllanthus myrtifolius - 450mm c/c  * Cuphea Hyssopifolia - 450mm c/c  * Sterilizia reginae - 450mm c/c  or any equivalent  * Supply of 9 to 12 month age plants</p>	Sft	18,286.31	45.00	822,884.12	
2	<p>Ixora Coccinea  of 9 to 12 month age plants  * Supply</p>	Sft	8,925.29	31.80	283,824.33	
3	<p>Plumeria Singaporensis- 5' to 6' tall</p>	Nos	14.00	1,230.00	17,220.00	





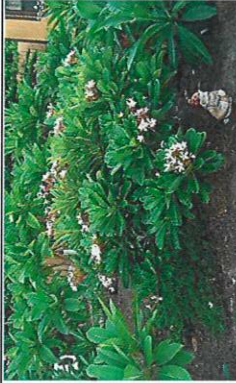
Item No	Particulars	Unit	Qty	Rate	Amount	Illustrations
B	TREES ::: SUPPLY OF TREES					
1	Tecoma Gaudi chaudi- 6' to 8' tall	Nos	22.00	348.00	7,656.00	
2	Lagerstroemia flos reginae - 6' to 8' tall	Nos	13.00	630.00	8,190.00	
3	Dalbergia Sissoo - 6'to 7' tall	Nos	119.00	210.00	24,990.00	
4	Terminalia mentaly - 8' to 10' tall	Nos	56.00	522.00	29,232.00	









Item No	Particulars	Unit	Qty	Rate	Amount	Illustrations
C	<b>SOFT LANDSCAPE - TERRACE ::: SUPPLY OF PLANTS</b>					
1	<u>SHRUBS AND GROUND COVERS</u> Choice of plants * Codium Petra dwarf - 300mm c/c * Nerium oleander dwarf - 600mm c/c or any equivalent * Supply of 9 to 12 month age plants.	Sft	88.11	42.00	3,700.62	
2	Bougainvillea S.P. Singh - 450mm C/C	Nos	40.00	36.00	1,440.00	
3	Plumeria Alba- 5' to 6' tall	Nos	11.00	244.35	2,687.85	
<b>Total</b>					<b>1,201,825.00</b>	



Item No	Particulars	Unit	Qty	Rate	Amount	Illustrations	Remarks
<b>LAND DEVELOPMENT</b>							
1	Supply of Pit soil	Cft	20,474.79	-	-		
2	Supply of Red soil	Cft	6,824.93	-	-		* Supply of red earth & soil (Ratio 70:30) - Assumed average depth of 1'
4	Shifting and filling of soil	Cft	27,299.72	8.50	232,047.60		
5	Levelling and micro grading	Sft	27,299.72	2.50	68,249.29		
6	Supply of Vermi compost	Kg	1,000.00	4.25	4,250.00		
7	Supply of Bio nutrients	Lit	150.00	425.00	63,750.00		
<b>SOFT LANDSCAPE - GROUND</b>							
<b>SHRUBS AND GROUND COVERS</b>							
1	Choice of plants * Allamanda nerifolia dwarf - 450mm c/c * Russelia jurcea - 450mm c/c * Nerium oleander dwarf - 450mm c/c * Alpinia variegated - 450mm c/c * Phyllanthus myrtifolius - 450mm c/c * Cuphea Hyssopifolia - 450mm c/c * Sterlizia reginae - 450mm c/c or any equivalent		18,286.31	30.00	548,589.41		* Soil Preparation * Supply of 9 to 12 month age plants. * Bio nutrients application * Planting will be done according to the growth pattern of plants. * Follow up Maintenance for a period of 180 days
2	<b>Ixora Coccinea</b>	Sft	8,925.29	21.20	189,216.22		* Supply of plants * Pitting * Bio nutrients application * Planting. * Staking. * Follow up free maintenance for a period of 180 Days
3	<b>Plumeria Singaporensis- 5' to 6' tall</b>	Nos	14.00	820.00	11,480.00		* Supply of plants * Pitting * Bio nutrients application * Planting. * Staking. * Follow up free maintenance for a period of 180 Days



Item No	Particulars	Unit	Qty	Rate	Amount	Illustrations	Remarks
4	TREES						
	Tecoma Gaudi chaudi- 6' to 8' tall	Nos	22.00	232.00	5,104.00		
	Lagerstroemia flos reginae - 6' to 8' tall	Nos	13.00	420.00	5,460.00		
	Dalbergia Sissoo - 6'to 7' tall	Nos	119.00	140.00	16,660.00		* Supply of trees * Pitting * Bio nutrients application * Planting. * Staking. * Follow up free maintenance for a period of 180 Days
	Terminalia mentaly - 8' to 10' tall	Nos	56.00	348.00	19,488.00		




Item No	Particulars	Unit	Qty	Rate	Amount	Illustrations	Remarks
II	<b>SOFT LANDSCAPE - TERRACE</b>						
1	<b>SHRUBS AND GROUND COVERS</b> Choice of plants * Codium Petra dwarf - 300mm c/c * Nerium oleander dwarf - 600mm c/c or any equivalent	Sft	88.11	28.00	2,467.08		<ul style="list-style-type: none"> <li>* Soil Preparation</li> <li>* Supply of 9 to 12 month age plants.</li> <li>* Bio nutrients application</li> <li>* Planting will be done according to the growth pattern of plants.</li> <li>* Follow up Maintenance for a period of 180 days</li> </ul>
2	Bougainvillea S.P. Singh - 450mm C/C	Nos	40.00	24.00	960.00		<ul style="list-style-type: none"> <li>* Supply of plants</li> <li>* Pitting</li> <li>* Bio nutrients application</li> <li>* Planting.</li> <li>* Staking.</li> <li>* Follow up free maintenance for a period of 180 Days</li> </ul>
3	Plumeria Alba- 5' to 6' tall	Nos	11.00	162.90	1,791.90		<ul style="list-style-type: none"> <li>* Supply of plants</li> <li>* Pitting</li> <li>* Bio nutrients application</li> <li>* Planting.</li> <li>* Staking.</li> <li>* Follow up free maintenance for a period of 180 Days</li> </ul>
<b>Total</b>					<b>1,169,514.00</b>		
<b>Add: GST @ 18%</b>					<b>210,512.52</b>		
<b>Grand Total</b>					<b>1,380,026.52</b>		






# MANIPAL UNIVERSITY JAIPUR

<b>WORK ORDER</b>	<b>Date: 06-12-2022</b>
<b>PROJECT</b>	<b>MUJ ::: SOFTSCAPE WORKS</b>

<b>Vendor Address:</b>		<b>Project Address:</b>	
JUNGLE THE PLANT YARD 21 Milestone, Bikaner Jaipur Highway, Norangdeshher, Bikaner, Rajasthan, 334022		MANIPAL UNIVERSITY JAIPUR Dehmi Kalan, Off Jaipur-Ajmer Expressway Jaipur, Rajasthan-303 007	
		<b>Billing Address:</b>	
		MANIPAL UNIVERSITY JAIPUR Dehmi Kalan, Off Jaipur-Ajmer Expressway Jaipur, Rajasthan-303 007	
GST:	08AUXPB7202N2Z4	GST:	08AAAJM1881F1Z6
PAN:	AUXPB7202N	PAN:	AAAJM1881F
<b>Contact Person:</b>		<b>Contact Person:</b>	
Mr. Vijender Bagaria Email: <a href="mailto:thegardner100@gmail.com">thegardner100@gmail.com</a> Mobile: +91 9649444411		Pushpendra Kumar Sharma Mobile: +91 9116613642 Email: <a href="mailto:pushpendrakumar.sharma@jaipur.manipal.edu">pushpendrakumar.sharma@jaipur.manipal.edu</a>	
<b>Reference:</b>			
1. Final offer received through email dated 29-11-2022.			

### Scope of Work & Pricing:

SI No.	Description	Amount (Rs.)
1.	<b>Softscape Works</b> at Academic Block-3 of Manipal University Jaipur.  (Detailed BOQ with specifications annexed to this Order).	13,80,026.52
<b>Total</b>		<b>13,80,026.52</b>
<b>Rupees Thirteen Lakhs Eighty Thousand Twenty-Six and Fifty-Two Paise Only.</b>		
<b>Note:</b> The above value is inclusive of all levies, duties, taxes & GST and exclusive of Labour Cess (1%). No additional charges are applicable/payable for escalation, price variation and other charges. No escalation will be permitted during the progress of works on any account. Item rates in the annexed BOQ will remain constant till <b>Completion of Work.</b>		

### Start Date:

<b>Start Date:</b>	<b>15-12-2022</b>
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### Completion Date:

<b>Completion Date:</b>	<b>31-01-2023</b>
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**Payment Terms:**

Payment	a. RABs payment will be done as under on monthly basis:  <b>50%</b> of the amount will be paid after three months of completion of works in totality.
	b. Balance <b>50%</b> of the amount will be paid after Six months of completion of works in totality.
	All payments will be released within 15 working days of submission of bills duly certified by the Project Manager. TDS will be deducted as per prevailing rules.
<b>Note:</b> <ul style="list-style-type: none"><li>• All bills to be submitted to Project Site and to be certified by Project Manager, Store In charge.</li><li>• Each RA bills submitted should have the details of this Work Order &amp; proof of Statutory Documents attached.</li><li>• All RA bills to accompany measurement sheets jointly signed by your and MUJ Team.</li><li>• Certification of the bill to be completed within 10 working days from date of submission of bill.</li></ul>	

**WORK ORDER TERMS & CONDITIONS**

1. **Acceptance of Work Order:** Signing and returning the acknowledgment copy of the Work Order or, in any event of commencement of performance/delivery hereunder or thereunder shall constitute acceptance of Work Order. Acceptance of this order constitutes acceptance of all of the terms and conditions stated herein.
2. **Guarantee/Warranty:** The Comprehensive Warranty Period is One Year (12Months) from the date of completion of works in totality and same being certified by the consultants. You will repair / replace the defective works during this period without any cost to Manipal University Jaipur.
3. **Special Terms:**

Drawings approved by our Consultant **M/s Maser Plan and M/s Architect Hafeez Contractor** will form part of this Work Order and same needs to be strictly followed during working at site. No deviations will be permitted. You are requested to submit the copy of GA / Shop Drawings duly approved by the above-mentioned Consultants at our Office for records.

All tools & tackles required for execution of works to be arranged by contractor.

All mechanization method needs to be adopted for execution of work.



Security of materials at site will be responsibility of contractor.

Site Order book to be maintained at site for day-to-day instructions from Project Manager.

One competent supervisor to be stationed at site immediately till the completion of work. Site organization chart to be shared for during the execution period and six months maintenance period.

You should deploy your own equipment's to identify the levels. We will be sharing with the detailed drawings of the area where the work needs to be carried out only for getting the levels.

Boarding/Lodging of your team including site labour will be to your account.

Free maintenance period for the planted plants (Trees, Shrubs, Ground Covers, Creepers, Grasses, etc.) will for a period of six months from the date of completion. The completion dates will be determined in consultation with the Architect & Project Manager.

All Mortality, Labour, Manpower, Tools & Tackles, Machineries, Manures, Fertilizers, Pesticides, Weedicides, etc., will be in your scope for the period of 06 (Six) months. Cost for the same is already factored in above costing. No extra cost is payable due to any changes.

Watering of the Trees/Plants for the area where trees, shrubs, ground covers, creepers, grasses, etc. planted by you will be to your account. This will be a continuous process for a period of 06 (Six) months from the completion date. Same to happen during the execution till the completion of plantation.

Any trees, shrubs, ground covers, creepers, grasses, etc. planted by you, if found dead with a period of 06 (Six) months from the date of completion of plantation, will be replaced by you at no extra cost.

Sufficient place will be provided for setting up the nursery in campus in proximity with the water source. However, all arrangements for setting up and maintaining the nursery will be to your account. Once the works get completed, the space provided for nursery will have to be cleaned and handed over back as per the instruction of Project Manager. This nursery will be exclusively catering to the requirement of our campus.

- 4. Non-Tendered Item:** Subject to inspection and acceptance, Manipal University Jaipur will be liable for payment only for quantities ordered (Mentioned in BOQ) and delivered unless otherwise specified. Non-Tendered Item must have prior written approval from Project Manager/Purchase Manager of Manipal University Jaipur and rates finalized before start of work. The rate finalization for no-tendered works will be at actual cost plus 15% OHP (Overheads & Profits). Any work done without approval from Project Manager will not be entertained and Manipal University Jaipur will not be liable for payment of NT Items. You are only allowed to work on Specific Block/Area mentioned in Work Order & BOQ. Any work done in any other Blocks/Area will not be entertained.

5. **Drawings:** Vendor shall ensure that all drawings/shades/colour/hardware/Workings etc. and data used have been certified by our Architects, Consultants & Project Manager for construction and that Goods are manufactured according to such drawings and data or any subsequent revisions thereof. Shades/Laminate/Hardware/Workings needs to be approved by our Architect and Project Team. Approval copy of the same to be submitted at our office. All works to be carried out as per the specifications in the annexure and drawings issued by our Architect. No deviations will be permitted. All the working drawings needs to be approved by our Architect & Project Team. Any deviation from the specifications in the annexure will be rejected by Manipal University Jaipur and Change/Replacement to be effected thereof will not be borne by Manipal University Jaipur. You need to coordinate with our Architect and Project Team to obtain the details of execution of work. Both the Architect and the Project team will be checking on the quality of the deliverables and any issue with quality, the work will be rejected.

Kindly coordinate with the Architect **M/s Master Plan** and **M/s Architect Hafeez Contractor** to obtain all final layouts/drawings and details to proceed with execution of works at site as per the start dates mentioned.

6. **Inspection:** Payment for the Goods/Work done provided under the Work Order shall not constitute Acceptance thereof. Manipal University Jaipur may inspect and test such Goods/Work and reject any or all items that are, in Manipal University Jaipur's sole judgment, non-conforming. Goods/Work rejected or supplies in excess of quantities ordered may be returned to Vendor at its expense. Failure by Manipal University Jaipur to inspect and/or test the Goods shall not be deemed Acceptance by Manipal University Jaipur.
7. **Quality:** If the quality of the finished item/s is not of acceptable standards, the same will be rejected by Manipal University Jaipur without any liability whatsoever. Any works rejected will be dismantled/demolished and redone by the Contractor at its own cost for which no compensation will be paid. All works executed to have approvals from Architect & Project Manager.

The Architect/MUJ shall, during the progress of the works, have power to order in writing from time to time removal from the works within such reasonable time or times as may be specified in the order, of any materials which in the opinion of the Architect are not in accordance with the Specification or the instructions of the Architect, the substitution of proper materials, and the removal and proper re execution of any work executed with materials or workmanship not in accordance with the Drawings and specifications, instruction; and the contractor shall forthwith carry out such order at his own cost. In case of default on the part of the contractor to carry out such order, MUJ shall have the power to employ and pay other persons to carry out the same; and all expenses consequent or incidental thereto as certified by the Architect shall be borne by the Contractor or may be deducted by MUJ from any moneys due or that may be come due to the contractor.

You will be deploying dedicated independent "Team" including experienced "Engineer" at site. Request you to share the details of your "Team" at site.



All mechanization method needs to be adopted for execution of work. Power, Water, Cement, Sand, Scaffolding, Safety Accessories. Etc. used at project site will be to your account. You are requested to share the details of mechanization and equipment to be deployed at site before the start of works and take necessary approvals from Project Manager. Usage of water for construction purpose to be as per norms.

You will be deploying your own security team and you will be responsible for the security of the site. Any theft of property belonging to Manipal University Jaipur/Other agencies due to laxity in security or by your labours will attract penalties apart from recovering the cost of stolen items.

Security of Materials at site will be your responsibility till it gets handed over to Manipal University Jaipur after submission of "Work Completion Report" duly endorsed by Project Manager/Architect/Project Team.

All the materials brought to the site shall become/remain the property of Manipal University Jaipur and shall not be shifted from site without written approval from Project Manager.

As this is to be a LEED/GRIHA certified project, your team to assist in all documentation on the same including implementation of the protocols and site readiness (including cleanliness of site) as per the requirement by the certification agency. Kindly coordinate with our Sustainability Consultant M/s Terravidis to get all the details and templates/procedures to be followed at site.

8. **Sub-letting:** The whole of the works included in the contract shall be executed by the Contractor and the Contractor shall not directly or indirectly transfer, assign or sublet/the Contract or any part share thereof or interest therein without the written consent of Architect/ MUJ.
9. **Work Programme:** On receipt of this Work Order, the Contractor will have to submit the Work Programme, Bar Chart, PERT/CPM Chart for the approval of the Project Manager. Once approved, all the works will have to be executed as per the agreed schedule. No compensation will be paid to the Contractor for any delay in completion of the work on any account.

Any delay in completion of works after the **Completion Date** will attract penalties which will be levied @ 1% of the Contract Value per week to the maximum of 5% of the Contract Value. (Refer attached terms for details).

10. **BOQ:** Quantities mentioned in the BOQ (Annexed) are approximate. Payments will be made as per actual quantities executed on ground. We reserve the right to add or delete or substitute any work/works within the scope as specified in BOQ for which no additional benefit/compensation will be paid to contractor.

11. **Documentation @ Site:** Contractor to maintain following documents at site:

- a. **Site Order Book:** Site Order book to be kept at site for issuing necessary instruction to the contractor by Project Manager Or any representative of Manipal University Jaipur.

- b. **Work Diary:** To keep daily account of labour employed and work executed on day-to-day basis.
12. **Weekly Progress Report:** Weekly Progress Report will have to be submitted by the Contractor in writing to the Project Manager which should include targets for the coming week / next week and progress achieved during the current week.
13. **Cleanliness of Site:** Contractor shall ensure Cleanliness of site. In case we (Project Manager/Project Team) found the work area not in clean condition, same will attract liquidated Damages. Liquidated Damages will be imposed at 1% of the Total Work Value and same will be deducted from RA Bills.
14. **Labour Accommodation:** All codes/guidelines of NBC-2016 to be followed for the labour/worker accommodation at site including instructions issued by Rajasthan State Pollution Control Board and COVID-19 guidelines issued by Government of India/State Government. In case of any default on this account, Manipal University Jaipur reserves the right to take necessary action (including imposing of penalties). Site within the campus will be provided for setting up the labour colony at no cost till original completion period of project only. The site establishment, temporary structures including labour colony shall be removed by the contractor on completion of works.
15. **Safety:** All safety measures including wearing of Helmets, Safety harness, Safety Belts, Goggles and Safety shoes to be strictly followed at site as per instruction of Engineer-In-Charge. Safety of all your workers working at our project site will be your own responsibility. The Vendor/ Consultant/ Contractor/ alone shall be responsible to take all safety measures due to current COVID-19 Pandemic. In this regard the client shall not be responsible for any act, deed and things which may happen at site or office of the client. No "Child Labour" & "Women Labour" shall be employed by the contractor and should comply all statutory norms.

In case any of your labours found without wearing Safety Shoes, Safety Helmets or any safety accessories and defaulting on safety measure for COVID-19, an amount of **Rs. 25,000.00** will be imposed as penalty per incidence.

16. **Insurance:** Vendor shall maintain adequate insurance in any and all forms necessary to protect both Vendor and Manipal University Jaipur against all liabilities, losses, damages, claims, settlements, expenses, and legal fees arising out of or resulting from performance of the Work Order.
17. **Statutory Compliance:** Within 14 days from the receipt of this letter the contractor shall provide Contractor's All Risk Policy Valid till the duration of contract + one month), Workmen Compensation Policy and Third-party Liability policy for the works and will include as endorsement the joint names of the Contractor and the Employer.

The policies to be provided by you shall be in place along with premium payment receipts before you are allowed to physically commence works at site.



Kindly ensure that all workers are covered under the statutory insurances under the Workman's Compensation Act as we will not be liable for damages in the event of any accident. Group Insurance to be taken by you for all workers working at site and a copy of the same to be sent to our office for records.

You shall observe and comply with all laws (PF, ESI, BOCW, etc.) applicable to workmen employed by you or any sub-contractor employer on the works. Relevant documents like Register of PF & ESI coverage for workmen employed at our site & Challan for remittances of PF & ESI for the period of deployment of workmen at our site to be submitted along with bills/invoices. In the event of any default by way of non-observance or non-compliance of the said laws/rules on your part or the sub-contractors, you shall indemnify Manipal University Jaipur against any liabilities and costs/expenses arising out of or in connection therewith. In the event of failure to submit the proof, amount towards the PF/ESI contribution will be deducted from your bill and paid to the respective department.

The contractors should register under the Contract Labour Act, obtain suitable licenses, and follow all the provisions of the contract labour (Abolishment Regulations Act). Prior to commencement of work, Contractor must obtain Labour License for this project.

No "Child Labour" & "Women Labour" permitted at Project Site.

RA Bill payments will be linked with the submission of statutory documents and any delay in submission of documents will delay the payments.

18. **Force Majeure:** If, at any time, during the currency of this Contract, the performance in whole or in part, by either party, of any obligation under this Contract, shall be prevented or delayed by reasons of war, hostility, acts of public enemy, civil commotion, sabotage, fires, floods explosions, epidemic, pandemic, lockdowns, quarantine restrictions, Acts or State or Acts or God, hereinafter referred to as eventualities, then the Contract period will get extended for the period of Force Majeure provided notice of the happenings of any such eventuality is given supported by a certificate of appropriate authority or Chamber of Commerce, by either party to the other, within 15 days from the date of occurrence thereof, neither party shall by reason of such eventuality be entitled to terminate this Contract, nor shall either party have any claim for damages against the other, in respect of such nonperformance or delay in performance and Work under this Contract shall resume as soon as practicable after such eventuality has come to an end or ceased to exist and the decision of the Department as to whether the Work has to be resumed shall be final and conclusive. Should one or both parties be prevented from fulfilling their contractual obligations by a state of Force Majeure lasting continuously for a period of at least three months, the parties shall consult each other regarding further implementation of the contract.

19. **Indemnity:** Contractor/Seller hereby agrees to indemnify and keep Client harmless against and from all costs, claims, damages, expenses, demands, liabilities, causes of action and proceedings of whatever nature, including legal fees on a full indemnity basis, arising from or as a consequence of Contractor's/Seller's breach of any of these terms and conditions or negligence in the supply of any goods and/or services under any Contract or any defect inherent in the goods supplied/service rendered or from infringement of any

third party's intellectual property rights in carrying out the supply of any goods and/or services under such Contract.

**20. Termination of Contract:**

If the contractor has abandoned the contract or has failed to proceed with the work with due diligence or the progress of any particular item or is slow or he has failed to execute the work in accordance with the specifications, neglecting to carry out his obligation under the contract, then it shall be lawful for the employer to terminate the contract forthwith under written notice and to proceed with the balance of the work through any other agencies. During the course of execution of the job, in case the contractor has done any substandard work, he shall be asked in writing to dismantle and re-do the same at his own expenses. If the contractor fails to comply with the above instructions immediately, then the employer shall proceed with the above rectification work, through another agency or agencies. Similarly, if the contractor goes slowly on any particular item or items of work, the employer shall have the right to execute this item or items through another agency or agencies, including its own department.

**21. Confidentiality:** Any Work Order placed by Manipal University Jaipur including all accompanying designs, drawings, specifications, and information which may be treated as confidential and in particular the Supplier shall not make use of the Purchaser Name or the name of any companies associated with the Purchaser for publicity purposes without the consent of the Purchaser. Neither Vendor nor any of its subcontractors or affiliates shall cause or allow the name of "Manipal Group" (or any variation thereof) or any Manipal logo or mark, or that of any of its schools, Universities, Hospitals, departments, or employees to be used in any advertising or promotional literature, electronic or otherwise, or in any publication whatsoever, without prior written approval of Manipal Group.

**22. Environmental Clause:**

- a. Adherence to all statutory requirements with respect to environment.
- b. Adherence to OCP 1 and OCP 25 while carrying out the work. (The procedures will be made available on request).
- c. Any environmental incidences that occur during the course of your activity shall be reported to Engineer in-charge.

**23. Cancellation:** Manipal University Jaipur has the right to cancel this Work Order and Contract for convenience, in whole or in part, at any time upon written notice to Contractor. Upon such Cancellation, vendor shall refund to Manipal University Jaipur any amount paid by Manipal University Jaipur under this Work Order.

**24. Dispute:** Any disputes related to this Work Order shall be subject to Courts of Jaipur Jurisdiction only. This Work Order shall be governed in accordance with the Laws of India.

You are requested to sign (on all pages) and return it to us as a token of acceptance of this Work Order.

Regards,

**For Manipal University Jaipur.**

  
**Authorized Signatory**

**CC:**

1. Finance Office, Manipal University Jaipur.

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**Accepted the Work Order with all Terms & Conditions.**

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**Signature of the Contractor with Date**

**FACULTY OF MANAGEMENT AND  
COMMERCE SCHOOL OF BUSINESS  
AND COMMERCE BUSINESS  
ADMINISTRATION**

**Plantation Drive**

**09/09/2022**

## **1. Introduction of the Event**

School of Business and Commerce organized a plantation drive in association with Directorate of Student welfare and NCC and NSS on 9<sup>th</sup> September 2022.

## **2. Objective of the Event**

School of Business and Commerce in association with Directorate of Student Welfare, NCC and NSS organised a plantation drive on 9/09/22. The event was organised to create awareness about the ecological balance and to highlight the importance of plantation.

## **3. Beneficiaries of the Event**

- Students
- Faculties
- General Public

## **4. Details of the Guests**

During the event, Group captain Neeraj Amba, 1Raj Air SQN NCC Jaipur was the chief guest. Faculties of school of business and commerce were also present with the students. NCC officer Mr. Sanjeev Sharma was the coordinator from NCC and NSS.

## **5. Brief Description of the event**

The event was conducted on 9<sup>th</sup> September 2022. During the event students of School of Business and commerce along with NCC and NSS volunteers planted trees in the NCC Jaipur Campus. The chief guest of the event was Group captain Neeraj Amba, 1Raj Air SQN NCC Jaipur. The plantation drive started with a welcome speech by the chief guest in which he encouraged the students to participate in community services and social welfare. Then students and teachers planted trees across the campus. The drive emphasised on creating more and more green spots in the city and contribute towards the environment protection.

## 6. Photographs of the event



Figure 1MUJ students walk for Plantation Drive



Figure 2 Planting the trees



Figure 3 Understanding the importance of nature





## 7. Attendance of the Event Total attendee- 83

S.NO	NAME	CLASS
1	Devesh Kumpawat	BBA III-D
2	Jaytiraj Singh	BBA III-D
3	Pranjal Sethi	BBA III-D
4	Harsh Mittal	BBA III-D
5	Dev Gupta	BBA III-D
6	Pulkit Arora	BBA III-D
7	Rahul Choudhary	BBA III-D
8	Naman Gupta	BBA III-D
9	Divyansh Bubana	BBA III-A
10	Mansi Bagaria	BBA III-B
11	Mishu Mathur	BBA III-B
12	Akshita Manuel	BBA III-B
13	Jasmine Tansukhani	BBA III-B
14	Bhavya Khandelwal	BBA III-B
15	Charchita Tanwar	BBA III-E
16	Manav Sankhla	BBA III-E
17	Hitesh Makhijani	BBA III-E
18	Nihal Singh	BBA III-E
19	Pranjal Jain	BBA III-D
20	Jayansh Sharma	BBA III-C
21	Sanskriti Sharma	B.com Honours III-A
22	Riya Lohia	B.com Honours III-A
23	Simran Kaur	B.com Honours III-A
24	Dhruvi Choudhary	BBA III-D
25	Pragya Jain	B.com Honours III-B
26	Harsh Kumar Singh	B.com Honours III-B
27	Palak Agarwal	B.com Honours III-B
28	Varsha Agarwal	B.com Honours III-B
29	Divyansh	B.com Honours III-A
30	Ashish	B.com Honours III-A
31	Deepak	B.com Honours III-A
32	Ambudhi	B.com Honours III-A
33	Tanisha	B.com Honours III-A
34	Sarjan Mahajan	BBA III-A
35	Harshit Hirawat	BBA III-A
36	Divyanshu Patodia	BBA III-A
37	Sanjay Choudhary	BBA III-A
38	Abhay Pratap Singh	B.com Honours V
39	Saksham Jain	BBA V-C
40	Urvashi T Purswany	BBA V-C
41	Tejesvi Purohit	BBA V-C
42	Lakshay Mahipal	BBA V-C
43	Devansh Goyal	BBA V-C
44	Prakhar Modi	BBA V-C
45	Tarun Agarwal	BBA III-D



S.NO	NAME	CLASS
46	Yajat tak	BBA III-C
47	Aditijain	BBA III-C
48	Pakhi Agrawal	BBA III-C
49	Tanishq haldiya	BBA III-C
50	Shyam sundar	BBA III-C
51	Devansh khurana	BBA III-C
52	Shreyansh Maheswari	BBA III-C
53	Ramay Mehta	BBA III-C
54	Mohit Bhiwaniwala	BBA III-D
55	Geetika Sharma	BBA III-D
56	Yash Agarwal	BBA III-D
57	Aditi Jain	BBA III-D
58	Vishal Agarwal	BBA III-D
59	Ishaan gill	BBA III-D
60	Akshat choudhary	BBA III-D
61	Ishita Rajpal	BBA III-D

*B. Patel*

**Head**  
Department of Business Administration  
Manipal University Jaipur



**MANIPAL UNIVERSITY  
JAIPUR**  
*(University under Section 2(f) of the UGC Act)*

**FACULTY OF DESIGN**

**SCHOOL OF ARCHITECTURE AND DESIGN**

**“Tree Plantation Drive” at Govt. School, Bagru**

**ON 13 Dec 2022**

**Date of Event 13 Dec 2022**



## Content of Report

1. Introduction of the Event
2. Objective of the Event
3. Beneficiaries of the Event
4. Details of the participants
5. Photographs
6. Brochure or creative of the event
7. Attendance of the Event

## 1. Introduction of the Event

As part of Society Connect Initiative, Directorate of Student Welfare, School of Architecture & Design and NSS organized a TREE PLANTATION DRIVE at Govt. School Bagru. The Directorate of Student Welfare and students of School of Architecture & Design played an important role in this campaign. The plantation was done under the patronage of Ar. Sidharth Soni, Assistant Professor from School of Architecture and Design. The event was attended by students of MUJ and students from School.

## 2. Objective of the Event

- To conduct plantation drive in local schools for environmental conservation.
- To involve students of MUJ and students from local school to develop a sense of belongingness.

## 3. Beneficiaries of the Event

Students, and staff members of Govt. School, Bagru

## 4. Details of the Participants

1	Asst. Prof.	SIDHARTH SONI
2	220501001	ANANYA TANDON
3	220501002	SAJAL PANWAR
4	220501003	RIJUL CHAUDHARY
5	220501004	DAKSH RUPANI
6	220501005	MOULESH M R
7	220501008	PRANAT KOTHARI
8	220501010	AARYA CHANDIRAMANI
9	220501011	NEHAL JAIN
10	220501012	ANKITA SHRIVASTAVA
11	220501013	DIGVIJAY SINGH PANWAR
12	220501014	SHRIYA PAWAR
13	220501015	TANUJ TYAGI
14	220501016	BHAVYA RANKA
15	220501018	HARSHITA MUNDHRA
16	220501019	RISHABH PATHAK
17	220501020	TANYA NIKHIL PURI
18	220501021	IKSHITA BAGLA
19	220501022	ARGHYA B S BHAGWAT
20	220501023	VANSHIKA SHARMA



**5. Photographs of the event or screenshots of the event with captions**



Students of MUJ planting tree saplings with faculty members from MUJ at Govt. School Bagru on 9<sup>th</sup> Dec 2022

## 6. Brochure or creative of the event



## 7. Attendance of the Event

1	Asst. Prof.	SIDHARTH SONI
2	220501001	ANANYA TANDON
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20	220501023	VANSHIKA SHARMA



## Govt. High Secondary School, Bagru

### Letter of Appreciation

On 13<sup>th</sup> December 2023, Manipal University Jaipur organized a TREE PLANTATION DRIVE in association with NSS (National Service Scheme), DSW (Directorate of Student Welfare, MUJ) and SA&D (School of Architecture & Design) in the campus of Govt. School Sanjharia, Bagru.

Tree plantation drive was conducted by Ar. Sidharth Soni, MUJ alongwith Students's of first yr. Architecture and Students from the Govt. School, Bagru.

We highly appreciate efforts of Manipal University Jaipur for conducting TREE PLANTATION DRIVE in the campus of Govt. School Bagru, Jaipur.

Govt. School, Bagru

Date

10/12/2022

PRINCIPAL

MAHATMA GANDHI

GOVT.SCHOOL, SANGANER

NP BAGRU, JAIPUR 08121216008

Link of the Report:

[https://jaipur.manipal.edu/content/dam/manipal/muj/fod/Document/eventlist/Tree  
%20 Plantation-%20Bagru%201.pdf](https://jaipur.manipal.edu/content/dam/manipal/muj/fod/Document/eventlist/Tree%20Plantation-%20Bagru%201.pdf)





**MANIPAL UNIVERSITY  
JAIPUR**  
*(University under Section 2(f) of the UGC Act)*

**FACULTY OF DESIGN**

**SCHOOL OF ARCHITECTURE AND DESIGN**

**“Tree Plantation Drive” at Govt. School, Begas  
ON 09 Dec 2022**

**Date of Event 09 Dec 2022**

## Content of Report

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2. Objective of the Event
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## 1. Introduction of the Event

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## 2. Objective of the Event

- To conduct plantation drive in local schools for environmental conservation.
- To involve students of MUJ and students from local school to develop a sense of belongingness.

## 3. Beneficiaries of the Event

Students, and staff members of Govt. School, Begas

## 4. Details of the Participants

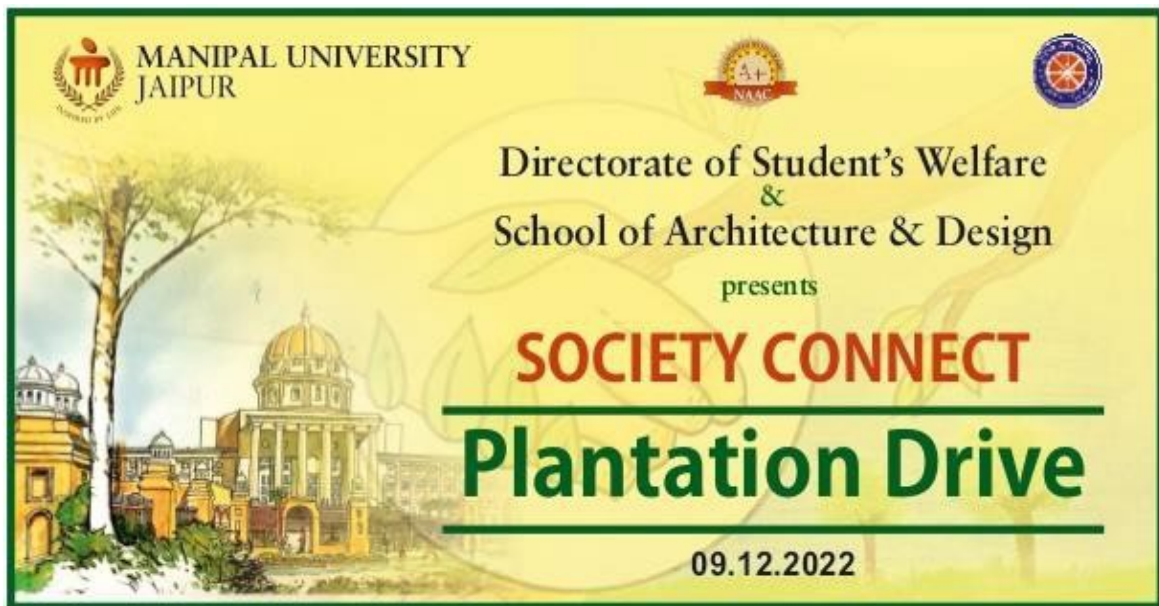
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20	220501023	VANSHIKA SHARMA

5. Photographs of the event or screenshots of the event with captions



Students of MUJ planting tree saplings with faculty members from MUJ at Govt. School Begas on 9<sup>th</sup> Dec 2022

6. Brochure or creative of the event



## **7. Attendance of the Event**

1	Asst. Prof.	SIDHARTH SONI
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17	220501020	TANYA NIKHIL PURI
18	220501021	IKSHITA BAGLA
19	220501022	ARGHYA B S BHAGWAT
20	220501023	VANSHIKA SHARMA



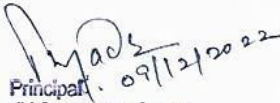
## **Mahatma Gandhi Govt. School, Begas**

### **Letter of Appreciation**

On 9<sup>th</sup> December 2023, Manipal University Jaipur organized a TREE PLANTATION DRIVE in association with NSS (National Service Scheme), DSW (Directorate of Student Welfare, MUJ) and SA&D (School of Architecture & Design) in the campus of Mahatma Gandhi Govt. School, Begas, Jaipur.

Tree plantation drive was conducted by Ar. Sidharth Soni, MUJ alongwith Students's of first yr. Architecture and Students from the Mahatma Gandhi Govt. School, Begas.

We highly appreciate efforts of Manipal University Jaipur for conducting TREE PLANTATION DRIVE in the campus of Mahatma Gandhi Govt. School, Begas.

  
Principal. 09/12/2022  
**Mahatma Gandhi Government School**  
(English Medium)  
Begas

Mahatma Gandhi Govt. School, Begas

Date

Link of the report:

<https://jaipur.manipal.edu/content/dam/manipal/muj/fod/Document/eventlist/Tree%20Plantation-%20Begas.pdf>



**MANIPAL UNIVERSITY  
JAIPUR**

*(University under Section 2(f) of the UGC Act)*

**FACULTY OF DESIGN**

**SCHOOL OF ARCHITECTURE AND DESIGN**

**“Tree Plantation Drive” at Govt. School, Dehmikalan  
ON 09 Dec 2022**

**Date of Event 09 Dec 2022**



## Content of Report

1. Introduction of the Event
2. Objective of the Event
3. Beneficiaries of the Event
4. Details of the participants
5. Photographs
6. Brochure or creative of the event
7. Attendance of the Event





## 1. Introduction of the Event

As part of Society Connect Initiative, Directorate of Student Welfare, School of Architecture & Design and NSS organized a TREE PLANTATION DRIVE at Govt. School Dehmikalan. The Directorate of Student Welfare and students of School of Architecture & Design played an important role in this campaign. The plantation was done under the patronage of Ar. Sidharth Soni, Assistant Professor from School of Architecture and Design. The event was attended by students of MUJ and students from School.

## 2. Objective of the Event

- To conduct plantation drive in local schools for environmental conservation.
- To involve students of MUJ and students from local school to develop a sense of belongingness.

## 3. Beneficiaries of the Event

Students, and staff members of Govt. School, Dehmikalan

## 4. Details of the Participants

1	Asst. Prof.	SIDHARTH SONI
2	220501001	ANANYA TANDON
3	220501002	SAJAL PANWAR
4	220501003	RIJUL CHAUDHARY
5	220501004	DAKSH RUPANI
6	220501005	MOULESH M R
7	220501008	PRANAT KOTHARI
8	220501010	AARYA CHANDIRAMANI
9	220501011	NEHAL JAIN
10	220501012	ANKITA SHRIVASTAVA
11	220501013	DIGVIJAY SINGH PANWAR
12	220501014	SHRIYA PAWAR
13	220501015	TANUJ TYAGI



14 220501016	BHAVYA RANKA
15 220501018	HARSHITA MUNDHRA
16 220501019	RISHABH PATHAK
17 220501020	TANYA NIKHIL PURI
18 220501021	IKSHITA BAGLA
19 220501022	ARGHYA B S BHAGWAT
20 220501023	VANSHIKA SHARMA

**5. Photographs of the event or screenshots of the event with captions**



Students of MUJ planting tree saplings with faculty members from MUJ at Govt. School Dehmikalan on 9<sup>th</sup> Dec 2022

## 6. Brochure or creative of the event



## 7. Attendance of the Event

1	Asst. Prof.	SIDHARTH SONI
2	220501001	ANANYA TANDON
3	220501002	SAJAL PANWAR
4	220501003	RIJUL CHAUDHARY
5	220501004	DAKSH RUPANI
6	220501005	MOULESH M R
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18	220501021	IKSHITA BAGLA
19	220501022	ARGHYA B S BHAGWAT
20	220501023	VANSHIKA SHARMA



**Govt. High Secondary School, Dehmikalan**

**Letter of Appreciation**

On 9<sup>th</sup> December 2023, Manipal University Jaipur organized a TREE PLANTATION DRIVE in association with NSS (National Service Scheme), DSW (Directorate of Student Welfare, MUJ) and SA&D (School of Architecture & Design) in the campus of Govt. School Dehmikalan, Jaipur.

Tree plantation drive was conducted by Ar. Sidharth Soni, MUJ along with Students' of first yr. Architecture and Students from the Govt. School Dehmikalan.

We highly appreciate efforts of Manipal University Jaipur for conducting TREE PLANTATION DRIVE in the campus of Govt. School Dehmikalan, Jaipur.

**PRINCIPAL**  
Govt. School Dehmikalan  
M.G.S. (Eng. Med.)  
DAHMI KALAN, JAIPUR

Date: 09 Dec 2022

Link of the Report:

[https://jaipur.manipal.edu/content/dam/manipal/muj/fod/Document/eventlist/Tre  
e%20 Plantation-%20DehmiKalan.pdf](https://jaipur.manipal.edu/content/dam/manipal/muj/fod/Document/eventlist/Tre%20Plantation-%20DehmiKalan.pdf)



**MANIPAL UNIVERSITY  
JAIPUR**  
*(University under Section 2(f) of the UGC Act)*

**FACULTY OF DESIGN**

**SCHOOL OF ARCHITECTURE AND DESIGN**

**“Tree Plantation Drive” at Govt. School, Sanjharia**

**ON 09 Dec 2022**

**Date of Event 09 Dec 2022**



## Content of Report

1. Introduction of the Event
2. Objective of the Event
3. Beneficiaries of the Event
4. Details of the participants
5. Photographs
6. Brochure or creative of the event
7. Attendance of the Event

## 1. Introduction of the Event

As part of Society Connect Initiative, Directorate of Student Welfare, School of Architecture & Design and NSS organized a TREE PLANTATION DRIVE at Govt. School Sanjharia. The Directorate of Student Welfare and students of School of Architecture & Design played an important role in this campaign. The plantation was done under the patronage of Ar. Sidharth Soni, Assistant Professor from School of Architecture and Design. The event was attended by students of MUJ and students from School.

## 2. Objective of the Event

- To conduct plantation drive in local schools for environmental conservation.
- To involve students of MUJ and students from local school to develop a sense of belongingness.

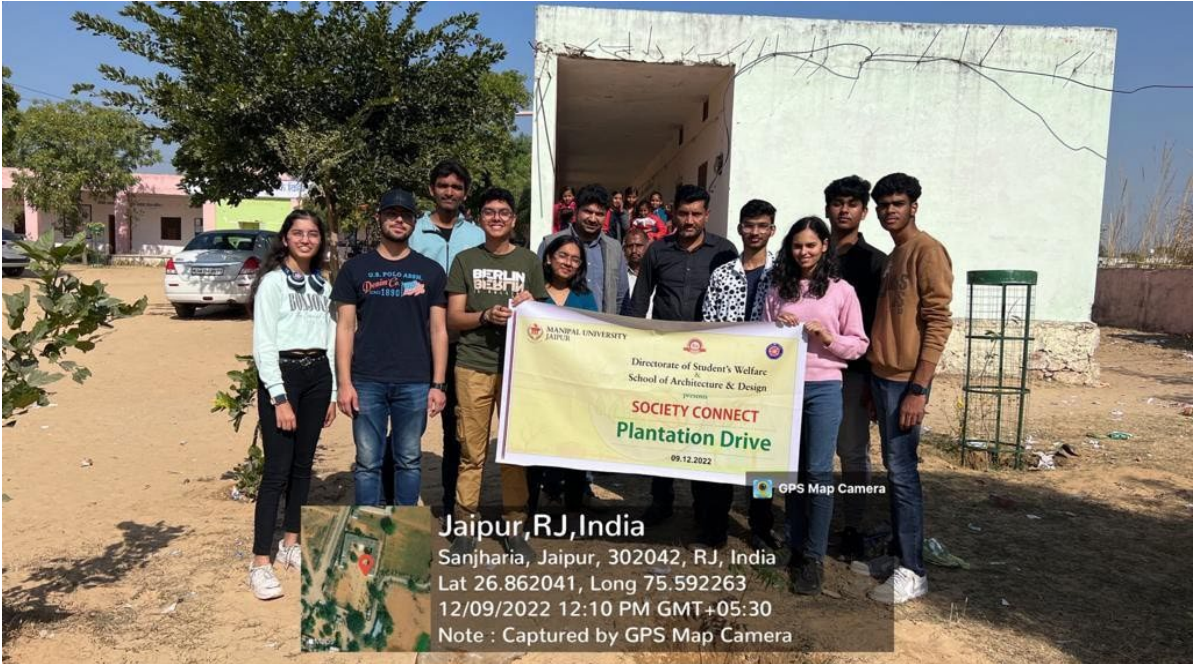
## 3. Beneficiaries of the Event

Students, and staff members of Govt. School, Sanjharia

## 4. Details of the Participants

1	Asst. Prof.	SIDHARTH SONI
2	220501001	ANANYA TANDON
3	220501002	SAJAL PANWAR
4	220501003	RIJUL CHAUDHARY
5	220501004	DAKSH RUPANI
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20	220501023	VANSHIKA SHARMA

5. Photographs of the event or screenshots of the event with captions



Students of MUJ planting tree saplings with faculty members from MUJ at Govt. School Sanjharia on 9<sup>th</sup> Dec 2022.

6. Brochure or creative of the event







## **7. Attendance of the Event**

1	Asst. Prof.	SIDHARTH SONI
2	220501001	ANANYA TANDON
3	220501002	SAJAL PANWAR
4	220501003	RIJUL CHAUDHARY
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## Govt. High Secondary School, Sanjharia

### Letter of Appreciation

On 9<sup>th</sup> December 2023, Manipal University Jaipur organized a TREE PLANTATION DRIVE in association with NSS (National Service Scheme), DSW (Directorate of Student Welfare, MUJ) and SA&D (School of Architecture & Design) in the campus of Govt. School Sanjharia, Jaipur.

Tree plantation drive was conducted by Ar. Sidharth Soni, MUJ alongwith Students's of first yr. Architecture and Students from the Govt. School, Sanjharia.

We highly appreciate efforts of Manipal University Jaipur for conducting TREE PLANTATION DRIVE in the campus of Govt. School Sanjharia, Jaipur.

  
प्रधानाचार्य  
रा.उ. मा. वि. सौंझरिया  
संभाकर, जयपुर

Govt. School, Sanjharia

Date 09 Dec 2022

Link of the Report:

[https://jaipur.manipal.edu/content/dam/manipal/muj/fod/Document/eventlist/Tree%20 Plantation-%20Sanjharia.pdf](https://jaipur.manipal.edu/content/dam/manipal/muj/fod/Document/eventlist/Tree%20Plantation-%20Sanjharia.pdf)





**MANIPAL UNIVERSITY  
JAIPUR**

**FACULTY OF Design**

**NAME OF SCHOOL OF ARCHITECTURE AND DESIGN**

**“Tree Plantation Drive” at Govt. School Thikaria**

**ON 23 Nov 2021**

**Date of Event 23 Nov 2021**



## Content of Report

1. Introduction of the Event
2. Objective of the Event
3. Beneficiaries of the Event
4. Details of the participants
5. Photographs
6. Brochure or creative of the event
7. Attendance of the Event

## 1. Introduction of the Event

As per general environmental concern in precinct of MUJ, a day long tree plantation drive was organized by School of Architecture & Design at Govt. School Thikaria. During this, 6 saplings were planted in the school campus. The Directorate of Student Welfare and students of School of Architecture & Design played an important role in this campaign. The plantation was done under the patronage of Ar. Sidharth Soni, and Ar. Jyoti Yadav, Assistant Professors from School of Architecture and Design. The event was attended by students.

## 2. Objective of the Event

- To conduct plantation drive in local schools for environmental conservation.
- To involve students of MUJ and students from local school to develop a sense of belongingness.

## 3. Beneficiaries of the Event

Students, and staff members of Govt. School, Dehmikalan

## 4. Details of the Participants

1. Ar. Sidharth Soni, Asst. Prof. MUJ
2. Ar. Jyoti Yadav, Asst. Prof. MUJ
3. Ms. Chhavi Kohli, MUJ
4. Mr. Dhruv Jain, MUJ
5. Mr. Vishal Kumawat, MUJ
6. Ms. Aditi Didwania, MUJ
7. Ms. Surbhi Sharma, MUJ
8. Various students from Govt. School Dehmikalan.
- 9.

## 5. photographs of the event or screenshots of the event with captions



Students of Govt. School, Thikaria and MUJ planting tree saplings with faculty members from MUJ.



**6. Brochure or creative of the event**



**7. Attendance of the Event**

1. Ar. Sidharth Soni, Asst. Prof. MUJ
2. Ar. Jyoti Yadav, Asst. Prof. MUJ
3. Ms. Chhavi Kohli, MUJ
4. Mr. Dhruv Jain, MUJ
5. Mr. Vishal Kumawat, MUJ
6. Ms. Aditi Didwania, MUJ
7. Ms. Surbhi Sharma, MUJ
8. Various students from Govt. School Dehmikalan.



Directorate of Student's Welfare

NCC Activity Report

S.No.	Date	Title of the Event	Brief of the Event	No. of Cadets Participate
1	27 August 2021	Tree Plantation	Directorate of Student welfare NCC Air wing Troop No. 6 Manipal University Jaipur organized the event of Tree Plantation on 27 August, 2021 to highlight the National Cadet Corps Air Wing Troop of Manipal University Jaipur has planted over 30 saplings across the MUJ Campus during the tree plantation drive which organize 27 August 2021. The event was inaugurated by Registrar, MUJ Dr Nitu Bhatnagar, Prof. A.D. Vyas Director Student's Welfare MUJ, and around 37 NCC Cadets & faculty members and staff participated in the plantation drive. The aim of the plantation drive is to increase the Green cover of our country, fight the menace of global warming and to create better environment for the next generation.	37



**Name of Event:** Tree Plantation

**Date of the Event:** August 27, 2021

**Duration of Event:** One Hour 03:00PM- 04.00PM

**Name of Coordinator:** Mr. Sanjeev Sharma

**Organizing School / Department:** Directorate of Student welfare

**Photos of the Event & details of the Activity :-** Directorate of Student welfare NCC Air wing Troop No. 6 Manipal University Jaipur organized the event of Tree Plantation on 27 August, 2021 to highlight the National Cadet Corps Air Wing Troop of Manipal University Jaipur has planted over 30 saplings across the MUJ Campus during the tree plantation drive which organize 27 August 2021. The event was inaugurated by Registrar, MUJ Dr Nitu Bhatnagar, Prof. A.D. Vyas Director Student's Welfare MUJ, and around 37 NCC Cadets & faculty members and staff participated in the plantation drive. The aim of the plantation drive is to increase the Green cover of our country, fight the menace of global warming and to create better environment for the next generation.





MANIPAL UNIVERSITY  
JAIPUR



***Brochure of Tree Plantation***

 MANIPAL UNIVERSITY  
JAIPUR

 A+  
NAAC  
NAAC A+ GRADE WITH 3.28 SCORE



# Going Green Tree Plantation

by  
**Dr Nitu Bhatnagar**  
Registrar  
Manipal University Jaipur

**27<sup>th</sup> August 2021**  
**Time: 02:30 PM**  
**Venue: VIP Gate, MUJ Campus**

**NCC Air wing Cadets &  
Directorate Student Welfare**



*Glimpse of the Event*





Attendance

S.NO.	NAME	REGIMENTAL NUMBER
01	DR. NITU BHATNAGAR	
02	PROF. A.D. VYAS	
03	ANKIT SINGH RATHORE	RJ/18/SDF/278420
04	ANANYA CHITRE	RJ/18/SDF/278427
05	KAVITA CHOUDHARY	RJ/19/SWF/278442
06	JYOTI YADY	RJ/19/SWF/278453
07	ABHISHEK SHARMA	278429



08	RAVEENA SHEKHAWAT	RJ/19/SWF/278456
09	ROHIT BERWAL	RJ/19/SDF/278449
10	LALIT SINGH	191106004
11	NITENDRA PRATAP SINGH	RJ/19/SDF/278447
12	MUDITA CHOUDHARY	RJ/19/SWF/278454
13	SHAURYA SINGH	RJ/19/SDF/278455
14	VINAYAM SARAN	RJ/19/SDF/278443
15	PRASHANT SHARMA	RJ/19/SDF/278444
16	SHREYAS VATS	RJ/19/SDF/278446
17	ISHVAK TANEJA	RJ/19/SDF/278445
18	ADITYA PATIL	RJ/19/SDF/278449
19	PALWINDER SINGH	RJ/19/SDF/278451
20	DIGVIJAY SINGH	RJ/19/SDF/278455
21	ROHIT SINGH	RJ20/SDF/278472
22	JAGJIT SINGH	RJ/20/SDF/278465
23	PRADEEP DEEPAK CHATE	209302362
24	DISHA GOYAL	RJ20/SWF/278460
25	ISHAN SINGH	RJ20/SDF/278464
26	ABHYUDAY RATHORE	RJ/20/SDF/278473
27	AARESH RAJAWAT	RJ/20/SDF/278461
28	HONEY PADIYAR	RJ20/SDF278463
29	PAWAN SINGH	RJ/20/SDF/278467
30	PRASHANT KUMAR	RJ20/SDF/278469
31	DEEPENDRA RATHORE	RJ20/SDF/278462



32	PRATYUSH VOHRA	RJ20/SDF278470
33	PREET GOYAL	1 RAJ
34	ADITI SINGH	RJ/20/SWF/278458
35	CHETNA KESI	278459
36	HEMANTH KUMAR	
37	SANJEEV SHARMA	

**Campus** - Dehmi Kalan, Jaipur - Ajmer Expressway, Jaipur

 [jaipur.manipal.edu](http://jaipur.manipal.edu)

Sanjeev Sharma  
Sports & NCC Officer  
Manipal University Jaipur



**MANIPAL UNIVERSITY  
JAIPUR**

**FACULTY OF Design**

**NAME OF SCHOOL OF ARCHITECTURE AND DESIGN**

**“Vriksharopan Abhiyan” at Manipal University Jaipur  
ON 75th Independence Day**

**Date of Event (10/08/2021-17/08/2021)**



## Content of Report

1. Introduction of the Event
2. Objective of the Event
3. Beneficiaries of the Event
4. Details of the Guests
5. Brief Description of the event
6. Photographs
7. Brochure or creative of the event
8. Schedule of the Event
9. Attendance of the Event
10. News Publication- not published in news
11. Feedback of the Event-
12. Link of MUJ website



## 1. Introduction of the Event

On the occasion of 75th Independence Day, an eight-day mass plantation drive was organized at Manipal University under the Green Rajasthan Initiative, Jaipur. During this, more than 170 saplings were planted in the university campus. The Directorate of Student Welfare and School of Architecture and Design played an important role in this campaign run under the Green Rajasthan programme. The plantation was done under the patronage of Chief Administrative Officer Colonel Vipul Mathur. Tree plantation has been done by all the departments of the university. On the sixth day of the campaign, on the auspicious occasion of 15th August, 100 medicinal plants were planted. On this occasion the President of the University Prof. G K Prabhu and Smt. Malini Prabhu also planted saplings. Prof. N N Sharma, Pro VC and Dr. Nitu Bhatnagar, Registrar MUJ has also contributed in the plantation in this campaign. During the program Prof. Anil Dutt Vyas, Director, (DSW), Mr. Hemant Kumar, Assistant Director (DSW), Ravindra Kumar and Dr. Madura Yadav, Prof. Sunanda Kapoor etc. were present. The program was coordinated by Dr. Amit Sharma and Jyoti Yadav of the Department of Architecture.

## 2. Objective of the Event

- To conduct 8 days mass plantation drive on 75 Independent Day.
- To undertake plantation drive under the Green Rajasthan Initiative
- To involve faculties and staff member in the plantation drive

## 3. Beneficiaries of the Event

More than 50 faculty and children participated in the plantation drive

## 4. Details of the Guests

- a. Dr. Gopalkrishna Prabhu, President, MUJ
- b. Mrs. Malini Prabhu

## 5. Brief Description of the event

Total 170 nos. of plants of different species were planted at different locations in the campus. On 15th August occasion of Independence Day 10 herbal plants were planted, Dr. G K Prabhu (Vice-Chancellor MUJ) and Mrs. Malini Prabhu also participated in the event. Prior to this on day one 10 neem trees were planted, second day 10 palash, third day 10 gulmohar, fourth and fifth day 10-10 fruit trees were planted. On seventh and eighth day 10-10 shaded trees were planted like neen, khejdi, pilkhan, yellow bell etc, were planted. In the plantation drive senior professor and faculties from various department actively participated. On third day of the event Dr. Madhura Yadav, Prof. Sunanda Kapoor and all the faculties of the SA&D have actively participated in the plantation activities. On the closing day 17th August 2021 Prof. Anil Dutt Vyas (Director DSW), Col. Vipul Mathur (CAO MUJ), Dr. Madhura Yadav (Director SA&D), Prof. Sunanda Kapoor (Head SA&D), Mr. Hemant Kumar (Asst. Director DSW) have participated in the plantation.



**6. 3 to 5 photographs of the event or screenshots of the event (if online) with captions**



Tulsi Plant Planted by Dr. G.K. Prabhu and Mrs. Malini Prabhu



Children Participated in Plantation Drive



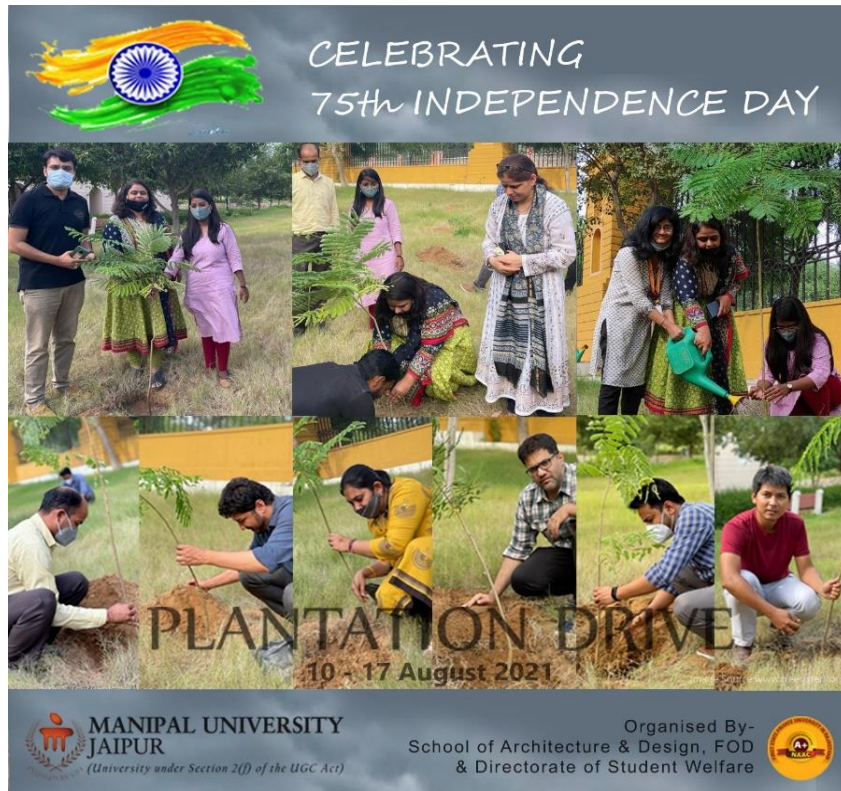
Neem tree Plantation on closing Day



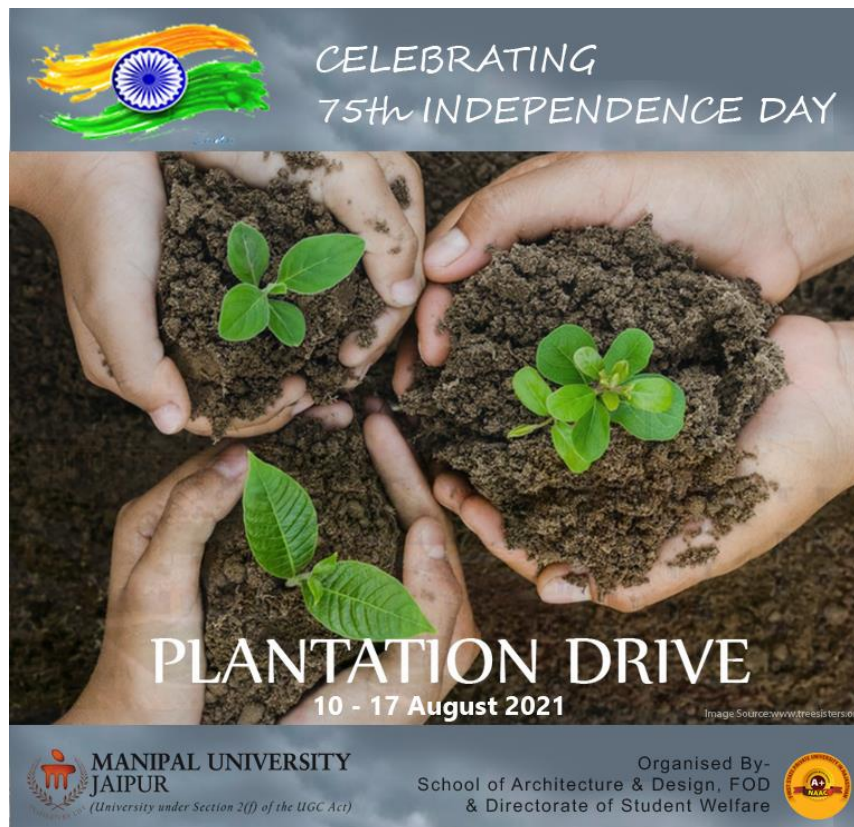
Tacoma tree Plantation on closing Day



Tree Plantation by SA&D Faculty Members



## 7. Brochure or creative of the event



## 8. Schedule of the event

Date	Day	Location	Nos. and Plants Species	Coordinator
10-Aug 21	Tuesday	Near Cricket Field	10 Nos. Neem Trees	Ar. Jyoti Yadav
11-Aug 21	Wednesday	Behind HT Mound	10 Nos Palash Tree	Dr. Amit Sharma
12-Aug 21	Thursday	Backside to VIP Plantation Area	10 Nos. Gulmohar Tree	Ar. Jyoti Yadav & Dr. Shilpi Gupta
13-Aug 21	Friday	Near Cricket Field	10 Nos Fruit Trees	Dr. Shilpi Gupta & Ar. Bineet Chhajer
14-Aug 21	Saturday	Near Cricket Field	10 Nos Fruit Trees	Dr. Anju Yadav
15-Aug 21	Sunday	Near Admin Block Parking	100 Nos. Herbal Plant 10 Nos each species (Tulsi, Ashwagandha, Naagdoon, Pattarchatta, Mint, Drumstick, Bhoomi Awla, Alovera, Lemon Grass)	Ar. Jyoti Yadav & Dr. Amit Sharma
16-Aug 21	Monday	Near Cricket Field	10 Neem Tree	Mr. Hemant Kumar
17-Aug 21	Tuesday	North-East Side along boundary	4 Neem, 2 Pilkhan, 2 Khejdi & 2 Yellow Bell	Mr. Ravindra Kumar & Ar. Jyoti Yadav

## 9. Attendance of the Event

1. Col. Vipul Vikram Mathur, Chief Administrative Officer, Head
2. Dr. Madhura Yadav, Director, School of Architecture and Design
3. Prof. Anil Dutt Vyas, Director, Directorate of Student's Welfare
4. Dr. Abhishek Shrivastava, Deputy Director DSW
5. Dr. Babita Malik, Deputy Director, DSW
6. Mr. Hemant Kumar, Assistant Director, DSW
7. Dr. Sham Sunder Sharma, Assistant Director, DSW
8. Dr. Arun Poonia, Assistant Director, DSW
9. Ar. Jyoti Yadav, Assistant professor
10. Dr. Anju Yadav, Assistant professor
11. Dr. Pankaj Vyas (HOD, IT)
12. Dr. Anju Yadav, Assistant professor, Dept of IT
13. Mr. Ankit Mundra, Assistant professor, Dept of IT
14. Mr. Ravinder Kumar, Nucleus member, DSW and Assistant professor, Dept of IT
15. Dr. Shilpa Gupta, Associate Professor, Humanities and Sciences
16. Dr. Amit Sharma, Nucleus member, DSW
17. Mr. Ashok Kumar Kumawat, Nuclear member, DSW
18. Mr. Nikhil vivek Shrivastava, Nucleus Member, DSW
19. Mr. Rahul Khatri, Nucleus member, DSW
20. Ar. Bineet Chhajer, Assistant professor

## 10. News Publication- News printed in newspaper or online links if any for news – insert images)

[https://thebelltv.com/home/news\\_description/309/plantation-in-manipaluniversity-jaipur](https://thebelltv.com/home/news_description/309/plantation-in-manipaluniversity-jaipur)

मणिपाल यूनिवर्सिटी जयपुर में आठ दिवसीय सामूहिक पौधारोपण अभियान चलाया गया।



जयपुर। 75वे स्वतंत्रता दिवस के उपलक्ष्य में मणिपाल यूनिवर्सिटी जयपुर में आठ दिवसीय सामूहिक पौधारोपण अभियान चलाया गया। इस दौरान यूनिवर्सिटी परिसर में 170 से अधिक पौधे रोपे गए। हरित राजस्थान कार्यक्रम के तहत चलाए गए इस अभियान में लायरेक्ट्रेट आफ स्टूडेंट वेलफेयर और स्कूल आफ आर्किटेक्चर एंड डिजाइन की महत्वपूर्ण भूमिका रही।

पौधारोपण मुख्य प्रशासनिक अधिकारी कर्नल विपुल माधुर के संरक्षण में किया गया। इसमें विश्वविद्यालय के सभी विभागों की ओर से पौधारोपण किया गया है।



अभियान के छठे दिन 15 अगस्त के पावन अवसर पर 100 औषधीय पौधे रोपे गए। इस अवसर पर यूनिवर्सिटी के प्रेसिडेंट प्रो. जीके प्रभु और श्रीमती मालिनी प्रभु से भी पौधे लगाए। इस दौरान प्रेसिडेंट ने कहा कि मणिपाल यूनिवर्सिटी जयपुर पर्यावरण संरक्षण, हरित और स्वास्थ्यवर्धक वातावरण के लिए प्रतिबद्ध है।

इससे पूर्व अभियान के प्रथम दिन नीम के 10 पौधे लगाए गए। दूसरे दिन पलाश के 10 पौधे लगाए गए। तीसरे दिन गुलमोहर के 10 पौधे लगाए गए। अभियान के चौथे और पांचवें दिन 10-10 फलदार पौधे रोपे गए। 7वें और 8वें दिन 20 छायादार पौधे जैसे नीम, खेजड़ी पीलखन और वेल आदि को रोपा गया।



कार्यक्रम के दौरान लायरेक्टर, डीएसठब्ल्यू प्रो. अनिल दत्त व्यास, असिस्टेंट लायरेक्टर (डीएसठब्ल्यू) हेमंत कुमार, रविंद्र कुमार और स्कूल आफ आर्किटेक्चर एंड डिजाइन से डॉ. मदुरा यादव, प्रो. सुनंदा कपूर आदि मौजूद रहे। कार्यक्रम का समन्वयन पत्रकारिता विभाग के डॉ. अमित शर्मा और आर्किटेक्चर विभाग के ज्योति यादव ने किया।





**11. Feedback of the Event**

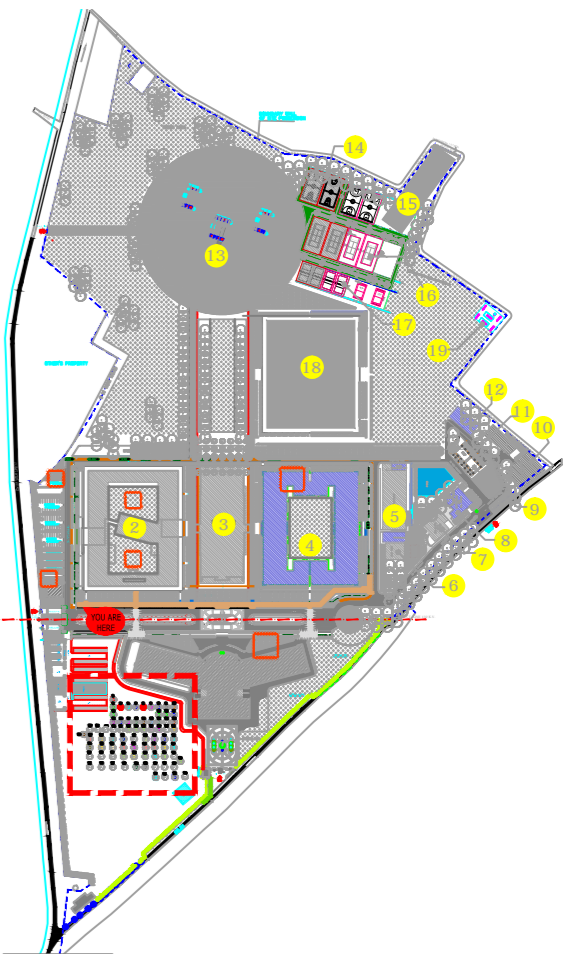
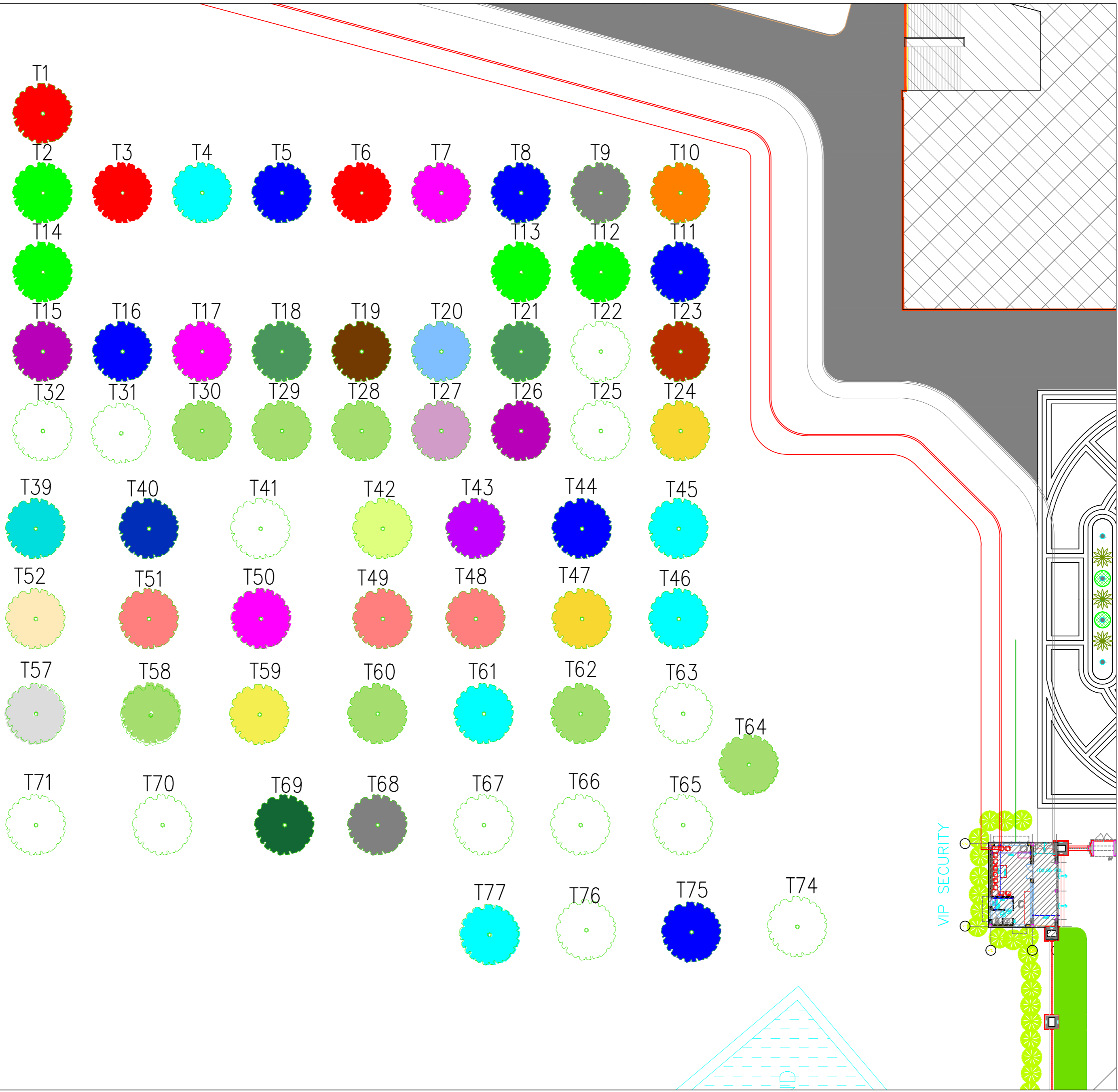
All the faculties actively participated and enjoyed being part of the event.

**12. Link of MUJ website stating the event is uploaded on website**

[jaipur.manipal.edu/content/dam/manipal/muj/fod/Document/eventlist/Mass%20Plantation%20Drive%20on%2010-17%20Aug%202021.pdf](http://jaipur.manipal.edu/content/dam/manipal/muj/fod/Document/eventlist/Mass%20Plantation%20Drive%20on%2010-17%20Aug%202021.pdf)

Faculty Coordinator

Ar. Jyoti Yadav



KEY PLAN

LEGEND

- KARANJ (T1, T3, T6)
- ARJUN (T2, T12, T13, T14,)
- KACHNAAR (T4, T45, T46, T62)
- GULMOHAR (T5, T8, T11, T16, T44, T75)
- NEEM (T7, T17)
- JAMUN (T9)
- SAAT PATTI (T10)
- MOLSARI (T15, T26)
- CHAMPA (T18, T21)
- BOTTLE BRUSH (T19, T36)
- KRISHNABAD (T20)
- ASHOK(T24, T38)
- FIGUS LYRATA(T27)
- MADAGASCAR ALMOND(T28, T29, T30, T62, T64)
- KALASEERIS(T37)
- SHEESHAM(T39)
- RUGTOORA(T40)
- BARGAD(T42)
- KADAMB(T43)
- AAM(T53)
- SILVER OAK(T55, 56, 58)
- MIMOSPALANGI(T57)
- CEBIA PENTENDRA(T68)
- AZADIRACHTA INDICA(T69)

Tree tag	Common Name	Scientific Name	Planted By	Year
T1	Karanj	Pongamia Pinnata	Dr. G. K. Prabhu	2018
T2	Arjun	Terminalia Arjuna	Shri Eshwara B. Khandre	2017
T3	Karanj	Pongamia Pinnata	Dr. Rajneesh Goel	2017
T4	Kachnaar	Bauhinia Variegata	Dr. Manjit Singh (I.A.S.)	2012
T5	Gulmohar	Delonixredia	Shri Kuldeep Ranka	2012
T6	Karanj	Pongamia Pinnata	Shri Abhay Jain	2012
T7	Neem	Azadirachta Indica	Brig(Dr.) S. S. Pabla (Retd.)	2012
T8	Gulmohar	Delonixredia	Dr. D. Shrikanth Rao	2012
T9	Jamun	Eugenia Jambolana	Brig(Dr.) P. S. Siwach (Retd.)	2012
T10	Saat Patti	Alstonia Scholaris	Dr. Ajay Kumar	2012
T11	Gulmohar	Delonixredia	Shri M. L. Mehta (I.A.S. Retd.)	2012
T12	Arjun	Terminalia Arjuna	Dr. Lalit K. Panwar	2015
T13	Arjun	Terminalia Arjuna	Shri Rajpal Singh Shekhawat	2016
T14	Arjun	Terminalia Arjuna	Hon. Mr. Justice Pinaki Chandra Ghose	2016
T15	Molsari	Mimosaop Ealangi	Prof. U. N. Gaitonde	2014
T16	Gulmohar	Delonixredia	Hon. Mr. Justice J. K. Ranka	2016
T17	Neem	Azadirachta Indica	Dr. Kiran Mazumdar Shan	2014
T18	Champa	Plumeria Alba	Shri R. V. Deshpande	2012
T19	Bottle brush	Callistemon	Shri Rajeeva Swarup (I.A.S.)	2012
T20	Krishnabad	Ficus Benjamina	Dr. Kumud Bansal	2018
T21	Champa	Plumeria Alba	Shri Sudhakar Rao	2012
T22			Dr. Lalit K. Panwar	2015
T23	Peepal	Pleus Religiosa	Dr. Ranjan R. pai	2012
T24	Ashoka	Saraca Asoca	Shri. J.C. Mohanty	2017
T25				
T26	Maulsari	Minusops Elengi	Ms. Krishna Poonia	2017
T27	Fiddle-leaf Fig	Ficus Lyrata	Prof. Pranadhavardhini	2015
T28	Madagascar Almond	Terminalia Neotaliala	Shri. Kali Charan Saraf	2015
T29	Madagascar Almond	Terminalia Neotaliala	Shri. Ramcharan Bohra	2015
T30	Madagascar Almond	Terminalia Neotaliala	Shri. Kailash Verma	2016
T31				
T32				
T33				
T34				
T35				
T36	Bottle brush	Callistemon	D.S. Chauhan	2017
T37	Kala Siris	Albizia Odoratissima	V. K. Jain	2014
T38	Ashoka	Saraca Asoca	Prof. Milind Kollegal	2016
T39	Sheesham	Dalbergia Sissoo	Shri. G.S. Sandhu (IAS)	2014
T40	Rugtoora	Spathodea Campanulata	Shri. N.R Narayan Murthi	2018
T41				
T42	Bargad	Ficus Benghalensis	Dr. Ramdas M. Pai	2012
T43	Kadamb	Neolamarckia Cadamba	Smt. Vasanti Pai	2012
T44	Gulmohar	Febaceae	Shri. Purushottam Agarwal	2014
T45	Kachnar	Bauhinia Variegata	Shri. Sunil Arora	2012

**MUJ Tree/ Plant Details**

SR.No	Tree/Plant Name	Quantity
<b>NOTE - The following</b>		
1	Gulmohar - Flame Delight	215
2	Champa - Golden Blossom	309
3	Terminalia - Royal Canopy	402
4	Bansh - Tranquil Bamboo	731
5	Tikoma - Forest Glow	323
6	Lagstomia - Whispering Willow	30
7	Meetha Neem - Sweet Neem	159
8	Beel - Serene Banyan	29
9	Karanj - Verdant Karanj	319
10	Molsari - Radiant Molsari	48
11	Ficus - Enchanted Ficus	12



12	Phonics - Melodious Phonic	23
13	Kerima Plant - Graceful Kerima	42
14	Trigal Palm - Majestic Trigal	44
15	Travelers Palm - Wanderlust Palm	8
16	Sisham - Sacred Sisham	2316
17	Neem - Healing Neem	1977
18	Bargad - Mighty Bargad	15
19	Mango - Tropical Mango	147
20	Jaamun - Deep Purple Jaamun	119
21	Guvava - Lush Guvava	105
22	Chiku - Sweet Chiku	60
23	Mousami - Citrus Mousami	18
24	Khajoor - Desert Gem Khajoor	114
25	Anar - Pomegranate Beauty	16
26	Karuja - Vibrant Karuja	11
27	Shadded Tree	512
		8104
<b>Faculty Housing Tree /Plant Details</b>		
1	Termainlia - Regal Canopy	199

2	Shisham - Sacred Shisham	47
3	Neem - Healing Neem	30
4	Koria - Serene Koria	22
5	Gulmohar - Flame Delight	11
6	Champa - Golden Blossom	11
7	Meetha Neem - Sweet Neem	9
8	Guvava - Lush Guvava	5
9	Beel - Majestic Banyan	4
10	Chiku - Sweet Chiku	5
11	Mousami - Citrus Mousami	5
12	Nimbu - Zesty Nimbu	3
13	Kathal - Tropical Kathal	4
		<b>355</b>
<b>Total Plant/Tree</b>		

**ails**

g plants thrive with minimal water usage."










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**8459**

MUJ/DSW/Student Clubs/2022/CypherClubMUJ/June3



## **DIRECTORATE OF STUDENTS' WELFARE**

### **Hanging of Prindas**

**Society Connect**

**Cypher Club of MUJ**

**OFFLINE EVENT**

**Date of Event: 03/06/2022**

# Index

<b>S.No.</b>	<b>Activity Heads</b>	<b>Page no.</b>
1.	Introduction of the Event	3
2.	Objectives of the Event	3
3.	Beneficiaries of the Event	3
4.	Brief Description of the Event	3
5.	Brief Description of the NGO	3
6.	Photographs of the Event	3-4
7.	Schedule of the Event	4
8.	Attendance of the event	4-5
9.	Feedback of the event	5
10.	Link of MUJ Website	6

**1. Introduction of the Event:** Taking an initiative for the welfare of birds the cypher club has decided to hang parindas at Omaxe city, Ajmer Road, Jaipur.

**2. Objectives of the Event:** Due to increasing heat in Jaipur we have realized that it has become a problem for birds to survive and it's difficult for them to adapt this habitat so we are conducting this drive for providing water to quench the thirst.

**3. Beneficiaries of the Event:**

- Muj CA student and members

**4. Brief Description of the Event:**

The drive is done by Cypher Club in association with NGO named as sunshine health and welfare society and we have planted parindas for the birds that are suffering because of the heat waves as many of them are dying because of it and as the concerned member of cypher club under the supervision of our faculty Ma'am Kuntal gaur. We've gotten the opportunity to plant them inside Omaxe city, jaipur, Ajmer Road.

**5. : Brief Description of the NGO:**

This is non-government organization of Jaipur stab list in 2010. Works for social welfare conduct various events related to environment it works primarily in domain of development and health

**6. Phototgraphs:**







**6. Schedule of the Event: 3<sup>th</sup> June 2022**

**7. Attendance of the Event:  
Total Attendee- 14**

S.NO.	Name Of Institution	Place Of Institution	Name	Name of Dept.
1.	Manipal University Jaipur	Jaipur	Lov bhaliya	MCA
2.	Manipal University Jaipur	Jaipur	Muskan Chandnani	MCA
3.	Manipal University Jaipur	Jaipur	Milisha Jain	MCA
4.	Manipal University Jaipur	Jaipur	Ashwariya	MCA

<b>5.</b>	<b>Manipal University Jaipur</b>	<b>Jaipur</b>	<b>Shubham</b>	<b>MCA</b>
<b>6.</b>	<b>Manipal University Jaipur</b>	<b>Jaipur</b>	<b>Rajani</b>	<b>Mca</b>
<b>7.</b>	<b>Manipal University Jaipur</b>	<b>Jaipur</b>	<b>Neha</b>	<b>Mca</b>
<b>8.</b>	<b>Manipal University Jaipur</b>	<b>Jaipur</b>	<b>Shabanti</b>	<b>MCA</b>
<b>9.</b>	<b>Manipal University Jaipur</b>	<b>Jaipur</b>	<b>Akash</b>	<b>MCA</b>
<b>10.</b>	<b>Manipal University Jaipur</b>	<b>Jaipur</b>	<b>Yashvardhan</b>	<b>MCA</b>
<b>11.</b>	<b>Manipal University Jaipur</b>	<b>Jaipur</b>	<b>Sachin</b>	<b>MCA</b>
<b>12.</b>	<b>Manipal University Jaipur</b>	<b>Jaipur</b>	<b>Shashang</b>	<b>MCA</b>
<b>13.</b>	<b>Manipal University Jaipur</b>	<b>Jaipur</b>	<b>Gautam</b>	<b>BCA</b>
<b>14.</b>	<b>Manipal University Jaipur</b>	<b>Jaipur</b>	<b>Muskan</b>	<b>BCA</b>

**8. Feedback of the Event:** Student felt immense pleasure by hanging the parindas and helping the birds

**9.Link of MUJ website:**

<https://jaipur.manipal.edu/muj/life-at-muj/Student-CLUBS.html>



<b>Mrs. Kuntal Gaur</b>
Dept.of Computer Application
Faculty Coordinator

<p>DIRECTOR STUDENT WELFARE &amp; PROCTOR MANIPAL UNIVERSITY, JAIPUR</p>	 <p><b><u>Dr. Arun Kumar Poonia</u></b> Asst. Director, DSW Clubs</p>
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# T6 Karanja *Millettia pinnata*

Indian sub continent & Southeast Asia

**Planted by** - Shree Abhay Jain

**Year of Plantation** - 21st March 2012

**Family**- Fabaceae



**Nature** - Evergreen

**Climate** - Humid & Sub  
Tropical Region

**Leaf Texture** - Soft &  
Shiny

**Leaf Shape & Colour** -  
Round & Glossy  
Deep Green

**Foliage Shape** - Round

**Soil Type** -Sandy stony &  
clayey

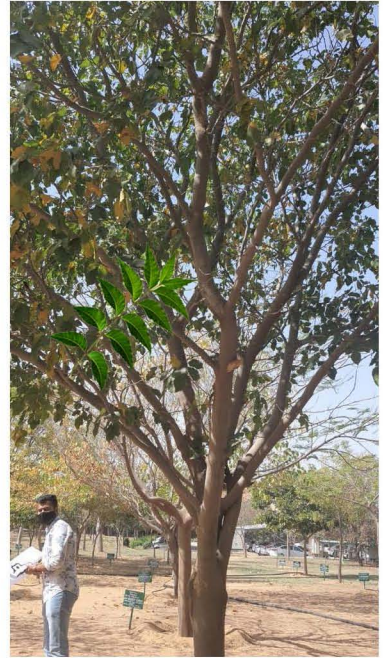
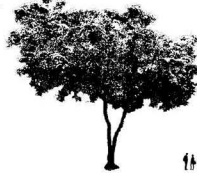
**Tree Height** - 15 to 25 mts. 1 Unit - 4 mts

**Bark Diameter** - 50 cmts.

**Region** - Temperate Asia,  
Australia



**Leaf type**-  
Pinnate



## Uses

- It is used for landscaping purpuss due to large canopy & snowy fragrant flowers.
- The bark can be used to treat wounds caused by poisonous fish.
- The fruits & sprouts are used in many traditional remedies.
- Its oil known as Pongamia oil is used in soap making & as a lubricant.
- The residue of oil extraction is used as a fertilizer.

# T8 Peela Gulmohar *Peltophorum pterocarpum*

Tropical south-eastern asia

**Planted by** - Dr. D. Srikanth Rao

**Year of Plantation** - 21st march, 2012

**Family**- Legumes



**Nature** - Deciduous

**Climate** - Tropical warm climate.

**Leaf Texture** - Fern like leaves

**Leaf Shape & Colour** - Rusty red tomentose.

**Foliage Shape** - Round

**Soil Type** - moist, but well drained soil.

**Tree Height** - Approx. 10 mts.

**Bark Diameter** - 20-25 mts.

**Region** - Sri Lanka, the Andamans & Australia.



**Leaf type**-  
Tripinnate



1 Unit - 4 mts



## Uses

- Gulmohar is well known for its beautiful flowerst.
- It also has some medicinal properties like Anti-diabetic activity, Anti-bacterial activity, Anti-diarrheal property, Hepatoprotective/Cytotoxic property, Anti-microbial activity, Anti-Inflammatory activity

# T9 Jamun *Eugenia jambolama*

Indian sub continent

**Planted by** - Brig(Dr.) P.S.Siwach(Retd.)

**Year of Plantation** - 21st March 2012

**Family**- Myrtaceae



**Nature** - Evergreen

**Climate** - Tropical & Sub  
Tropical Region

**Leaf Texture** - Smooth,  
Leathery

**Leaf Shape & Colour** - Glossy

Dark Green, Long with

Pointy tips

**Foliage Shape** - Round

**Soil Type** - Deep Loamy

**Tree Height** - 30 mts.

**Bark Diameter** - 40-100 cmts

**Region** - India, Myanmar

& Srilanka



**Leaf type**-  
Pinnate



1 Unit - 5 mts



## Uses

- Jambolan fruits can be eaten raw or are made into jams.
- Fruits have great nutritional value.
- Jambolan is used in medicine for diabetes, swelling of the stomach, constipation, diarrhea & other conditions.
- Jamun fruit is used in treating common cold, cough & flu.
- Jamun fruit helps in regulating blood pressure.
- The tree bark can be used for decoration.

# T10 Saat Patti *Alstonia scholaris*

Southern China, Tropical Asia and Australasia

**Planted by** - Dr. Ajay Kumar

**Year of Plantation** - 21st March 2012

**Family**- Apocynaceae



**Nature** - Evergreen

**Climate** - Tropical

**Leaf Texture** - Glossy & Greyish.

**Leaf Shape & Colour** -  
Flattened roots similar to buttresses.

**Foliage Shape** - Slightly round.

**Soil Type** - Red Alluvial.

**Tree Height** - 20-40 mts.

**Bark Diameter** -  
100-200cmts.

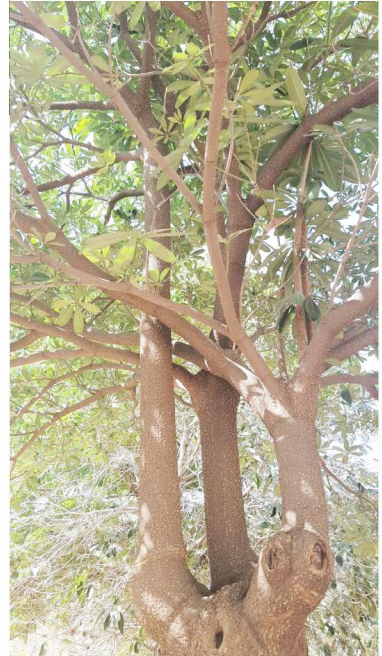
**Region** - Malaysia Pakistan



**Leaf type**-  
Pinnate



1 Unit - 7 mts



## Uses

- *Alstonia scholaris* has been used in different system of traditional medication for the treatment of diseases.
- The wood of *Alstonia scholaris* has been recommended for the manufacture of pencils.
- Wood close to the root is very light and of white color, and is used for net floats, household utensils, trenchers, corks, etc.
- Used for landscape purpose.

# T15 Maulsari *Minusops elengi*

South Asia

Planted by - Ms Krishna Poonia

Year of Plantation - 18-01-2017

Family- Sapotaceae (Mahua family)



Nature -Evergreen

Climate - Summer season

Shape & Colour - Bark: Thick bark and appears dark brown in color

Foliage of tree - Glossy, dark green leaves

Soil Type -Rich free draining loamy and sandy soil with PH of 5.5-8.5

Height of tree- 9-18 m (30-59 ft)

Diameter of trunk -1m (3ft 3in)

Region - Tropical forest in South Asia, Southeast Asia and northern Australia



Zoomed image



Flower type



Leaf type



## Uses

- Treatment and maintenance of oral hygiene
- Rinsing mouth with water solution made with bakul helps in strengthening the teeth
- Prevents bad breath
- Keeps gums healthy



# T17 Neem *Azadirachta indica*

Indian sub continent

**Planted by** - Dr. Kiran Mazumdar Shan

**Year of Plantation** - 9th August 2014

**Family**- Mahogany family, Meliaceae



**Nature** - Evergreen

**Climate** - Tropical & Semi-Tropical Region

**Leaf Texture** - Mildly soft

**Leaf Shape & Colour** - Long medium to dark green

**Foliage Shape** - Round

**Soil Type** - All types

**Tree Height** - 15 to 20 mts.

**Bark Diameter** - 30-80 cmts.

**Region** - Burma, Iran, India and Pakistan



**Leaf type**-  
Bipinnate



1 Unit - 4 mts



## Uses

- The neem tree is noted for its draught resistance. It can grow in many different type of soil.
- Dried neem leaves prevents insects from eating clothes and can also be used in storing rice.
- The flowers and the shoot are eaten as a vegetable.
- Products made from neem tree can be used as medicine.
- Neem is a key ingredient in pesticides.

# T19 Bottle Brush *Callistemon*

Australia

Planted by - D.S.Chauhan

Year of Plantation - 18-01-2017

Family- Myrtle



Nature - Evergreen

Climate - Temperate regions

Texture of flower- Fury

Shape & Colour - Flower: Red flower spikes

Folliage of tree - Crown is rounded

Soil Type - Well-draiend, sany soil.

Also grow in clay or loam

Height of tree- 10-15 ft

Diameter of tree-10 to 15m

Region - Western North America and in colder regions in greenhouses



## Uses

- Ornamental landscaping
- Common remedies for treatment of diarrhoea, dysentery and rheumatism

# T24 Ashoka *Saraca asoca*

Indo-Malaysian and Srilanka

Planted by - Shri J.C.Mohanty

Year of Plantation - 18-01-2017

Family- Legumes



Nature -Evergreen

Climate -Rain-forest tree. Central areas of Deccan plateau

Texture of Bark: Warty surface

Shape & Colour - Leaf: Green colored leaves with oblong shape.

Foliage of tree: Shiny foliage

Height of the tree -10'-15' tall

Diameter of trunk: 3m

Region - Central areas of the Deccan plateau



## Uses

- Reduces acne, pimple
- Very useful in gynaecological conditions
- Boosts memory power
- Beneficial in diabetes

# T27 Fiddle-leaf fig *Ficus lyrata*

Africa

Planted by -Prof. Pranadhavardhini

Year of Plantation - 22-05-2015

Family- Moraceae



Nature - Flowering plant

Climate - Lowland tropical rainforest

Texture of bark - Leathery

Shape & Colour of leaf - Unique,  
Green

Foliage of tree - Medium

Soil Type - Fast-draining,  
well-aerated

Height of the tree - 40-50 ft

Diameter of trunk - 30-60 ft

Region - Tropical western and  
central Africa



Zoomed Image



Flower Type



Leaf Type



## Uses

- In urban plantings of parks, highways median and streets without sidewalk as it withstands the overwhelming atmosphere of the cities.
- It is also used as an air purifier.
- It is mostly used in office spaces.

# T37 Kala siris *Albizia Odoratissima*

East Asia

Planted by - V.K.Jain

Year of Plantation - 10-06-2014

Family- Leguminosae - Mimosoideae



Fruit type

Climate - Warm climate

Texture -Bark dark grey to light brown with horizontal lenticels.

Foliage of tree-Crown spreading, relatively dense with drooping foliage.

Soil Type -Grows best in fertile soils

Height of tree- 22-40 m

Diameter of trunk - 120-150 cm

Region - India, Bangladesh, Bhutan, Nepal, Myanmar, Laos, Thailand, Vietnam, Sri Lanka



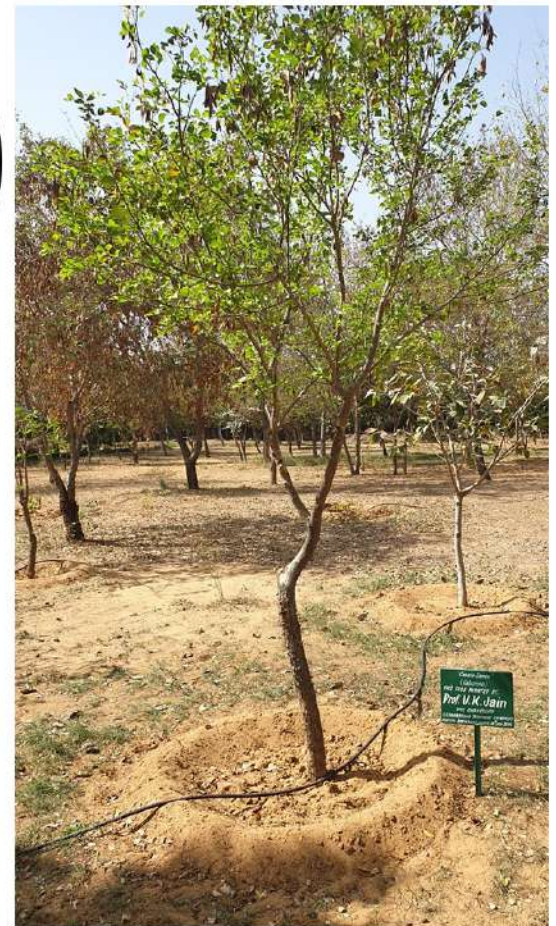
Zoomed image



Flower type



Leaf type



## Uses

- The bark of the tree is useful in ulcers, leprosy, skin diseases, cough, bronchitis, diabetes and burning sensation.
- The bark is used in the manufacture of a fermented sugar cane wine.

# T39 Sheesham *Dalbergia sissoo*

Indian subcontinent

Planted by - Shri G.S. Sandhu (IAS)

Year of Plantation - 2014

Family- Leguminosae - Mimosoideae



Zoomed image

Nature - Deciduous Tree

Climate - Indian subcontinent and southern Iran

Texture of trunk: are often crooked when grown in the open. Leaves are leathery

Foliage of tree- Round foliage

Soil Type - Soils range from pure sand and gravel to rich alluvium of river banks.

Height of tree- 25 m (82 ft)

Diameter of trunk- 2-3 m

Region - Native to India, Pakistan and Nepal



Zoomed image



Flower type



Leaf type



## Uses

- Decoration of leaves is useful in gonorrhoea.
- Wood is alterative, useful in leprosy, boils, eruptions and to allay vomiting.
- The wood is used for making doors, window frames, furniture, especially cabinets and much more.
- The pulp of wood is also used for making papers.

# T40 *Rugtoora Spathodea campanulata*

Tropical Africa

Planted by -Shri N.R Narayan Murthi

Year of Plantation - 2018

Family- Bignoniaceae



Nature -Deciduous

Climate - Cooler tropical climate

Shape & Colour - **Bark** : when young is pale grey-brown and smooth which turns to grey-black.



Zoomed image

**Foliage of tree-** Compact, round crown of dense and dark green foliage

**Height of the tree** - 7-25 m



Flower type

**Region** - West coast from Guinea to Angola, and inland across the tropical rainforest region to southern Sudan and Uganda



Leaf type



## Uses

- Cure rashes and inflamed skin,
- Lower blood sugar levels,
- Treat ulcers,
- Treat diabetes,
- Cure glaucoma

# T42 Bargad *Ficus benghalensis*

Indian subcontinent

Planted by - Dr. Ramdas M. Pai

Year of Plantation - 21-03-2012

Family- Moraceae



Nature - Evergreen

Climate - Monsoon and rain forests

Texture of leaf- leathery

Shape & Colour - Heart and green

Foliage of tree - Round Foliage

Soil Type - High moisture

Height of tree - up to 30m (100 ft)

Diameter of trunk - spreads laterally indefinitely

Region - south eastern region of India



Zoomed image



Leaf type



Fruit type



## Uses

- Boosts immunity
- Prevents depression
- Treats vomiting
- Lowers Cholestrol
- Prevents inflammation



# T43 Kadamb *Neolamarckia cadamba*

Southeast Asia

Planted by - Smt. Vasanti Pai

Year of Plantation - 2012

Family- Madder family



fruit type

Nature - Evergreen

Climate -Tropical

**Shape & Colour - Flowers:** flowers are sweetly fragrant, red to orange in colour, occurring in dense

**Foliage of tree-** broad crown and straight cylindrical bole

**Soil Type -**It grows well in deep moist alluvial soils, often along river banks.

**Height of tree-** up to 45 m

**Diameter of trunk-** 100cm

**Region -** South and Southeast asia



Zoomed image



Flower type



Leaf type



## Uses

- Low-grade timber and paper
- Timber is used for plywood and light construction.

# T44 Gulmohar *Fabaceae*

Planted by - Shri Purushottam Agarwal

Year of Plantation - 2014

Family- Leguminosae - Leguminosae



Nature -Deciduous

Climate - Temperate and tropical

Texture of leaf - wrinkled pulvini

Shape & Colour of leaf -Range from pinnately or palmately compound to simple,Green



Flower type

Foliage of tree -Dense

Soil Type -soil that is above freezing temperatures and offers enough warmth



Leaf type

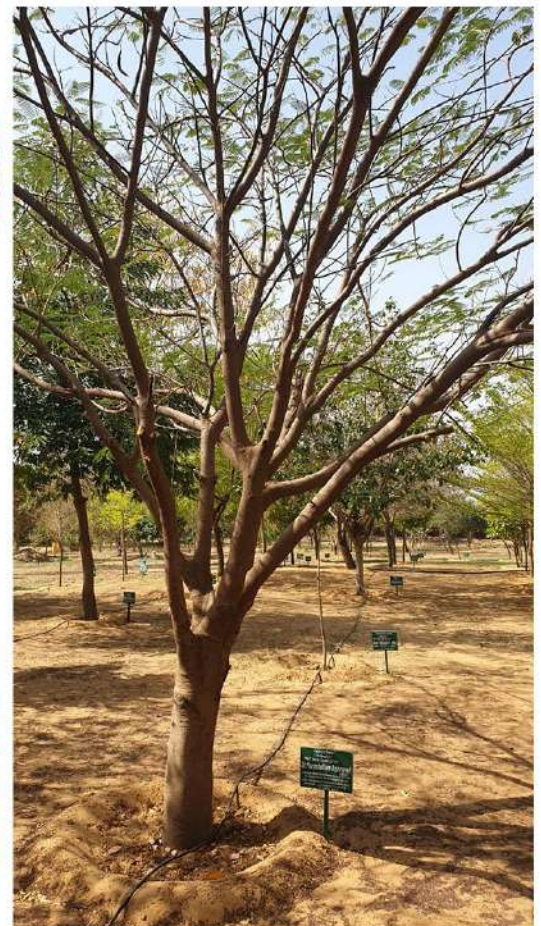
Height of tree - 10-15m

Diameter of trunk - 2 inches

Region - predominant outside the tropics



Zoomed Image



## Uses

- Anti-diabetic activity

-To treat polymenorrhea, anemia, ulcers and menorrhagia (during pregnancy).

-In the treatment of diarrhoea, in overcoming the protein deficiency Kwashiorkor and can also impact hypocholesterolaemic conditions, and thyroxine-induced hyperglycaemia.

# T45 Kachnar *Bauhinia variegata*

Eastern Africa

Planted by - Shri Sunil Arora

Year of Plantation - 16-04-2012

Family- Leguminosae - Legumes



Nature - Deciduous

Climate- The desert/desert terrain

plain of Western or Eastern Ghats.

Plateaus, plains of Ganges, Doab

Punjab, eastern ranges, north east

zone, high altitudes.



Zoomed image

Shape & Colour of tree - Twigs of tree are slender, light green, angled, hairy and brownish grey in colour.



Leaf type

Foliage of tree -Spreading crown and a short bole.

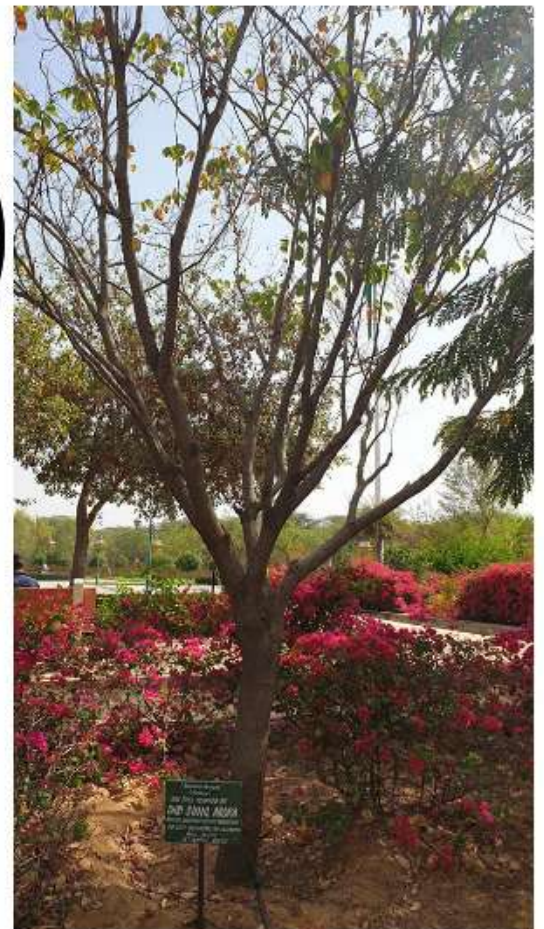
Soil Type - Acid and Neutral



Flower type

Height of tree - Small to medium upto

15 M



## Uses

- Treat hypothyroidism
- Controls blood sugar
- Treatment of digestive system problems