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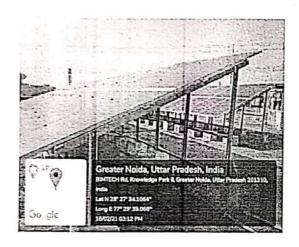
Knowledge Park-II, Greater Nolda (U.P.)

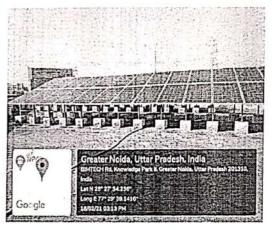
7.1.2 Environmental Consciousness and Sustainability and Divyangjan friendly initiatives

## 1. Alternate sources of energy and energy conservation measures

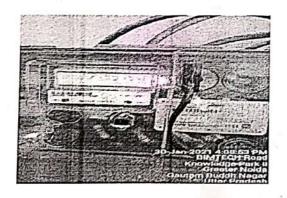
The Institute has50KWH solar panel at terracearea, electricity generated through these panel used for institute routine works and rest extra generated electricity sent to the grid as Institute tie-up with Noida Power Corporation Limited (NPCL).

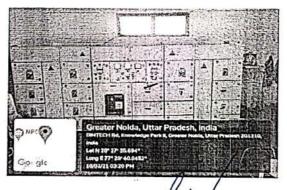
#### SOLAR ENERGY





### Wheeling to the Grid





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To reduce power consumption and reduce load we have installed energy efficient LED lights at various locations like in class room, reception area girl's hostel, boy's hostel etc. Institute has displayed the placards in the campus to save the misuse of electricity. Moreover, MIMT has well designed and state of art infrastructure that has well ventilated classrooms with big windows that enables efficient flow of winds in and out along with natural lights in the room. These all are an attempt to reduce MIMT carbon footprint.

## LED in Class Room





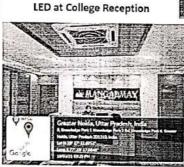
Locations of LED



LED at Girls Hostel



LED at Boys Hostel



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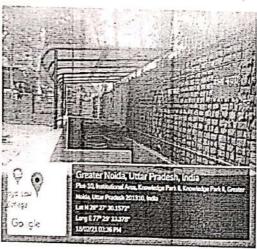
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#### 2. Management of the various types of degradable and nondegradable waste

Institute has designed methods for the management of waste generated in the campus using the basic waste management strategy of 3R's: Reduce, Reuse and Recycle i.e., Reduce the amount of waste generated, Reuse everything to its maximum after proper segregation and cleaning and keeping things which can be Recycled aside and handed over to appropriate agencies. Solid waste includes both biodegradable and non-biodegradable components. The non-biodegradable solid waste generated in the campus include, paper, metal cans etc. Biodegradable waste includes food waste, vegetable peels, leaves etc.

## SOLID WASTE MANAGEMENT









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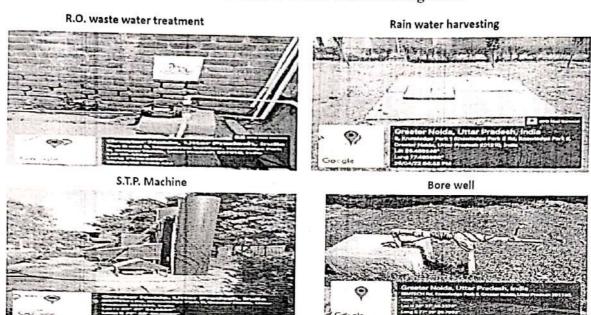
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#### 3. Water conservation

Waste water generated from the sanitary facilities is disposed off into STP plant effluents combined with hostel mess waste water is used for gardening, watering trees etc. The water discrete during purification in R.O. system is stored in a pit and the same is further used for gardening, watering trees etc.

#### Water conservation / Waste water Management



### Clean and green campus initiatives

The faculty members and students residing nearby are encouraged to come by bicycles. Thus we prevent the emission of carbon dioxide in the campus. Institute has designated bicycle stand in the campus. Students and employees feel safe walking along the pedestrian-friendly routes. The interior roads are lined with trees and energy efficient lighting, and the campus AO through his/her team keeps them in good repair. Single-use plastics such as bottles, bags, spoons, straws, and cups are fully banned, and staff and students are made aware of the policy through orientation and display boards throughout the building.

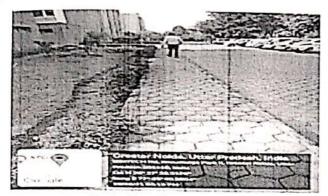
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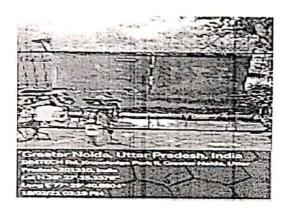
### **Pedestrian Friendly Pathways**

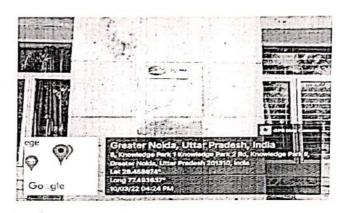


Cycle Stand



Ban on use of Plastic





The institute's landscaping is beautiful and exhibits an aesthetic sense. The institute features a canopy of trees and plants to protect the inmates' health by removing toxins from the environment. The lawns and trees give shelter and create a lovely atmosphere. Green landscaping is developed and maintained with the utmost care by skilled gardeners and supervisors. Institute not only prefers tree plantation within campus but even in the nearby areas also.

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For restricted entry of vehicles

#### Sample sticker for the vehicles



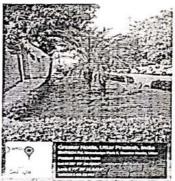
#### GREEN CAMPUS WITH LANDSCAPING WITH TREES AND **PLANT**













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### **TOBACOO FREE CAMPUS**





List of plants & trees in the campus

S. No.	Name of Trees	Botanical Name	Quantity	Benefits
1	Neem (Medicinal)	Azadirachta indica	8	Neem's antiseptic, anti- inflammatory, antioxidant, and immune-boosting properties may promote oral health
2	Guava	Psidium guava	12	Various parts of the plant, including the leaf and the fruit, are used as medicine. People use guava leaf for stomach and intestinal conditions, pain, diabetes, and wound healing.
3	Mango	Mangifera indica	7	Various parts of plant are used as a dentrifrice, antiseptic, astringent,

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				diaphoretic, stomachic, vermifuge, tonic, laxative and diuretic and to treat diarrhea, dysentery, anaemia, asthma, bronchitis, cough, hypertension, insomnia, rheumatism, toothache, leucorrhoea, haemorrhage and piles.
4	Lemon (Medicinal)	Citrus limon	2	Lemon contains antioxidants called bioflavonoids. These bioflavonoids might be responsible for the health benefits of lemon. People use lemon for hay fever, high blood pressure, obesity, morning sickness, and many other conditions, but there is no good scientific evidence to support these uses.
5	Jamun	Syzygium cumini	9	Jamun has several medicinal and health benefits. It is one of the best home remedies for stomach pain, diabetes and arthritis. The fruit also cures digestive issues like dysentery and flatulence. Here is a list of some more health benefits of jamun.
6	Karonda	Carissa carandas	2	It is believed to benefit anemia patients, given that it is a rich source of iron. It has vitamin C as well, which helps with growth and repair of tissues. The fruit is known to keep the liver healthy, by stopping its excessive

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*	· ·	, 150 A		secretion of bile.
7	Pears	Pyrus communis L.	2	pears for many conditions, including indigestion, diarrhea, constipation, nausea and vomiting, and liver scarring (cirrhosis),
8	Pomegranate	Punica granatum	5	Pomegranates are rich in antioxidants and flavonoids, both of which are known to prevent free radicals from damaging your cells. In some studies, pomegranates show potential to be effective in preventing prostate, breast, lung, and colon cancers.
9	Papaya (Medicinal)	Carica papaya	1	Papayas contain high levels of antioxidants vitamin A, vitamin C, and vitamin E. Diets high in antioxidants may reduce the risk of heart disease. The antioxidants prevent the oxidation of cholesterol. When cholesterol oxidizes, it's more likely to create blockages that lead to heart disease.

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	Banana	Musa paradisicum	2	Rich in nutrients.
10	Dallalla	iviusa paradisicum		May improve blood sugar
				levels.
				May support digestive health.
				May aid weight loss.
				May support heart health.
				Full of antioxidants.
			2	May help you feel fuller.
				May improve insulin
				sensitivity when unripe.
11	Shisham	Dalbergia sissoo	1	Dalbergia sissoo may also
	555-2-10-230 M200 P 600 P 600 M60 P		_	have efficacy in the treatment
1				of stomach and blood
				conditions
V.		· ·		Timber
				Fuel wood
				Teeth brushing
				Pesticide
12	Okh	Genus Quercus	1	Oak trees are used for several
1.2	Oldi	Comus Querous	1	applications. They produce
		*		acorns that are used in some
		-		foods and beverages, while
				the wood is used in
				construction and in aging of
				wine. 1. Furniture &
		195		Construction: Oakwood is
				used to build household
				furniture including doors,
		9		chairs, tables and furniture,
				and even floors.

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13	Banyan	Ficus benghalensis	1	The aerial prop root is styptic.
	ı			It is useful in treating
				syphilis, biliousness,
				dysentery and inflammation
				of liver. Bark is astringent
				and is also used in dysentery
				and diabetes. Its latex is
	16.7			aphrodisiac, tonic, vulnerary,
				maturant, lessens
				inflammations, useful in
				piles, nose-diseases and
				gonorrhoea. Latex is
		•		externally applied for pains
				and bruises and as an
	-	il enc., a	1	anodyne in rheumatism and
4				lumbago. It is also a remedy
	3.			for toothache. Infusion of
				young buds is useful in
				diarrhoea and dysentery.
			(36)	Leaves are heated and applied
	ľ			as poultice to abscesses.
		×		Seeds are considered cooling
18				and tonic.
14	Bakand	Melia azedarach	3	It has significant blood
11482.WO	(Neem)	170-50-50-10-50-00		detoxifying and anthelmintic
				properties and is used in the
			*	treatment of diseases of the
		1.,	3	skin. The extract obtained
		8		from the bark and the fruit is
	-	*		used to kill parasitic
		•		roundworms. For nervous
	^			headache, a poultice made
	8			from the leaves and flowers is
	A	*		used. Like Neem, the leaves,
				bark, and fruit are insect
			.	repellent. The oil obtained
ं	a			from the seed is used in

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		,		rheumatism. For asthma, the Wood-extract is used. The fruit has narcotic qualities and large quantities are poisonous.
15	Alastonia	Alstonia scholaris,	28	Alstonia is traditionally used to treat chronic diarrhoea, stomach pain, snake bites, tooth pain and dysentery. Alstonia leaves are used to treat beriberi (caused by vitamin B1 deficiency)
16	Benjania (Cycas)	Ficus benjamina	31	Its latex and some fruit extracts are used by indigenous communities to treat skin disorders, inflammation, piles, vomiting, leprosy, malaria, nose-diseases and cancer besides the use as a general tonic. The plant is also used as antimicrobial, antinociceptive, antipyretic, hypotensive and antidysentery remedy.
17	Ashok	Saraca asoca	35	Help treat acne Ashoka Tree Herb For Gynecological Problems Ashoka Tree Bark Helps improve intellect Ashoka Tree Leaves in Skin Care Ashoka plant Prevents Internal Bleeding Deals with stomach swelling

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				and inflammation Ashoka Tree for Piles and Diabetes Ashoka Tree Prevents diarrhea.
18	Bel (Medicinal)	Aegle marmelos	2	The unripe fruit, root, leaf, and branch are used to make medicine.
	8			Bael is used for constipation, diarrhea, diabetes, and other conditions,
19	Palm	Arecaceae	72	Image result for Palm uses &
		1817		benefits
				It's highly nutritious and an
				important source of dietary
				fiber. It's a rich source of
		18		zinc, which speeds up the
				recovery time for wounds.
				Heart of palm is also rich in
				Vitamin K and A, which is
		, , , , , , , , , , , , , , , , , , , ,		required for healthy scalp and
				hair. It is also a good source of beta carotene that helps to
	2.			improve vision.
20	Harshirghar	Nyctanthes arbor-	4	It is used for treatment of
20	Ziai Siiii Biidi	tristis	•	alopecia, sciatica,
	**	100000000000000000000000000000000000000		constipation, piles, ring
	Đ	· · · · · · · · · · · · · · · · · · ·		worm, intestinal parasites,
	300 T			intestinal worms and
		¥ v		poisoning. The leaves are
			1.00	given for treating liver
				disorders, chronic fever,

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				rheumatism, arthritis, pain,
* *			1	swelling, joint pain, obstinate
				sciatica, high blood pressure,
				diabetes, Cough, Malaria,
				cholagogue and laxative.
21	Mahuva	Madhuca longifolia	1	Mahua preparations are used
				for removing intestinal
				worms, in respiratory
				infections and in cases of
				debility and emaciation. The
	68			astringent bark extract is used
	£ 1			for dental-related problems,
				rheumatism, and diabetes
22	Dhak	Butea monosperma	2	Flowers are used as drug in
	(Medicinal)	Butou monospermu		many ailments like eye
	(2.200.01.01)			disease, chronic fever,
				enlargement of spleen,
				leucorrhoea, epilepsy,
				leprosy, antifungal activity,
				anti-inflammatory activity,
		951		liver disorders antifertility
			4.3	activity and gout etc. The
			121	plant parts are used in the
	141		P. 9	form of extract, juice,
				infusion, powder and gum.
23	Khata	Senegalia catechu.	1	The leaf and stem are used as
	-			a recreational drug and as
				medicine. As a recreational
	-			drug, the leaves and stem are
-				chewed by people in East
				Africa and the Arabian
				countries to elevate mood (as
				a euphoriant). As a medicine,
		and the		khat leaf is used for
		1	80	depression, fatigue, obesity,
	-			stomach ulcers, and male
	_			infertility

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		10		
24	Cycas	Cycas revoluta	149	cycad plant's seeds with coconut oil, it can heal wounds, ulcers, swelling and several other skin problems. Used As a Source of Clothing Fiber: There are leaves of different species of cycad plant which one can process and convert them into clothing fibers.
_				
		f Plants in Campus		
Sr. No.	Name of Ornamental Plants	Botanical name	Quantity	Benefits
1	Moorpankhi	Platycladus orientalis	37	The seeds are prescribed as a sedative, tranquillizer, antitussive and haemostatic. In Indo-China the ground leaves are used as an emmenagogue and antitussive, the
				seeds as a tonic, sedative, tranquillizer and aphrodisiac. A decoction of the twigs is prescribed to treat dysentery, skin affections and cough.
2	Jinari		12	
3	Star Jasmin	Trachelospermum jasminoides	20	Star Jasmine is especially useful for the aged. The leaf is restorative and tonic and the flowering stems are anodyne, analgesic, antibacterial, anti-rheumatic, antispasmodic, depurative, emmenagogue, febrifuge, resolvent, tonic and vasodilator.
4	Elovera (Medicinal)	Aloe barbadensis miller	10	Aloe vera is gel from the leaves of aloe plants. People have used it for thousands of years for healing and softening the skin. Aloe has also long been a folk treatment for many

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		at and a second		maladies, including constipation and skin disorders. Modern-day research into aloe vera's benefits is mixed, with some evidence showing it can cause cancer in lab animals.
5	Raat ki Rani	Cestrum nocturnum	3	It is also used as a hedge plant and cultivated as a medicinal plant. The medicinal properties of night blooming jasmine include antioxidant, anti-hyperlipidemic, hepatoprotective, analgesic, antifungal, anti-convulsant, anti-HIV and larvicidal activities.
6	Gagan Vila		2	
7	Rose	Rosaceae	12	The antiseptic nature of rose petals makes them effective for treatments like wounds, bruises, rashes, and incisions. The anti-inflammatory properties of the rose petals are used to cure sore throats and ulcers. The rose petals will stimulate the liver and increase the appetite and circulation.
8	Tulsi	Ocimum	20	Tulsi is used to treat insect bites. Tulsi
	(Medicinal)	tenuiflorum,	٠	is also used to treat heart disease and fever. Tulsi is also used to treat respiratory problems. Tulsi is used to cure fever, common cold and sore throat, headaches and kidney stones.
9	Mogra	Jasminum sambac	24	Jasminum sambac has many medicinal properties like antidepressant, antiseptic, cicatrisant, aphrodisiac, expectorant, antispasmodic, galactogogue, sedative, parturient, uterine etc. The Jasminum sambac flower is used for removing intestinal worms and is also used for jaundice and venereal diseases.
10	Bangnia	Genus Begonia	7	Begonia is an important medicinal plant whose main secondary metabolites are luteolin, quercetin and β-sitosterol. The leaves are used for the treatment of respiratory infections, diarrhoea, blood cancer

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			000	Remark to A see A see A see an assessment
				and skin diseases
	•			
11	Kaner	Cascabela thevetia	18	Thevetia peruviana is used
12	(			medicinally throughout the tropics in
				spite of its toxicity. A bark or leaf
			1	decoction is taken to loosen the
			1	bowels, as an emetic, and is said to
	12			be an effective cure for intermittent
				fevers. In Senegal water in which
				leaves and bark were macerated is
				taken to cure amenorrhoea.
12	Gudhal	Hibiscus rosa-	35	Hibiscus is used for treating loss of
15-413-11		sinensis	33	appetite, colds, heart and nerve
		Siliciisis		diseases, upper respiratory tract pain
				and swelling (inflammation), fluid
				retention, stomach irritation, and
				disorders of circulation; for dissolving
				phlegm; as a gentle laxative; and as a
			*	diuretic to increase urine output.
13	Gular	Ficus Racemosa	5	Ficus racemosa Linn. (Moraceae) is a
0.000		Tious renounces		popular medicinal plant in India,
		· · · · · · · · · · · · · · · · · · ·		which has long been used in
				Ayurveda, the ancient system of
				Indian medicine, for various
				diseases/disorders including
		1		diabetes, liver disorders, diarrhea,
				inflammatory conditions,
		** *		hemorrhoids, respiratory, and urinary
				diseases.
14	Earth Engle	Genus Jasminum	12	Jasmine has been used for liver
	Jeasmine	and the second s		disease (hepatitis), pain due to liver
	ast estrocations			scarring (cirrhosis), and abdominal
		× .		pain due to severe diarrhea
				(dysentery). It is also used to prevent
		- 2		stroke, to cause relaxation (as a
	5			sedative), to heighten sexual desire
				(as an aphrodisiac), and in cancer
1.5	Cuas	C1	222	treatment.
15	Cycas	Cycas revoluta	332	Cycad stems and seeds are used for
	Hedge			high blood pressure, headaches,
	-	_ =		congestion, rheumatism and bone
				pain. Leaves used in the treatment of
				cancer and hepatoma. Terminal
			**	shoots used as astringent and

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				diuretic.
	347		Į.	didirette.
16	Trothic/cheti	Ixora coccinea	10	Several Ixora species are used in traditional medicine, e.g. as an astringent and to treat dysentery and tuberculosis. The use in China and India is widespread. An infusion of the leaves or flowers of several species is administered to treat fever,
17	Champa	Magnolia champaca	15	headache and colic.  has traditionally been used to treat diarrhea, cough, bronchitis, hypertension, dyspepsia, fever,
	- ·			rheumatism, abscesses, dysmenorrhea and inflammation. It is also used as purgative, expectorant, cardiotonic, digestive, carminative, stomachic, stimulant, diuretic, diaphoretic, antipyretic and astringent.
18	Sada Bahaar (seasonal)	Catharanthus roseus	100+	Sadabahar has long been used in Ayurveda and Chinese medicines and is said to be a time-tested herbal treatment for managing conditions like diabetes, malaria, sore throats and leukaemia. Vinca rosea contains two active compounds, the alkaloids and the tannins.
19	Matricaria Chamomilla	Matricaria chamomilla	5	Chamomile preparations are commonly used for many human ailments such as hay fever, inflammation, muscle spasms, menstrual disorders, insomnia, ulcers, wounds, gastrointestinal disorders, rheumatic pain, and hemorrhoids. Essential oils of chamomile are used extensively in cosmetics and aromatherapy.
20	Marigold	Tagetes erecta	50+	Benefits and uses for Calendula officinalis marigolds include treating conditions, such as rashes, allergies,
	i i			eczema and dermatitis; pain, swelling and redness caused from muscle cramps, muscular injuries or sprains;

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			eye inflammation and itchiness caused by conjunctivitis; and fungal infections, including athlete's
21	Ice Plant	Mesembryanthemum crystallinum L.	 Various regions around the world use common Ice Plant, as well as its cousin Kudzu, to treat different health conditions, including colds, fevers, and even glaucoma. Research has shown that this plant consists of extremely high levels of isoflavones as well as flavonoids and isoflavonoids which are plant metabolites that have a significant effect on human metabolism.  Controls Pulmonary Tuberculosis, Improves Cardiovascular Health, Treats Constipation, Relief Oral Problems, Relief from Minor Skin Problems, Controls Skin Inflammation, UV Ray Protection

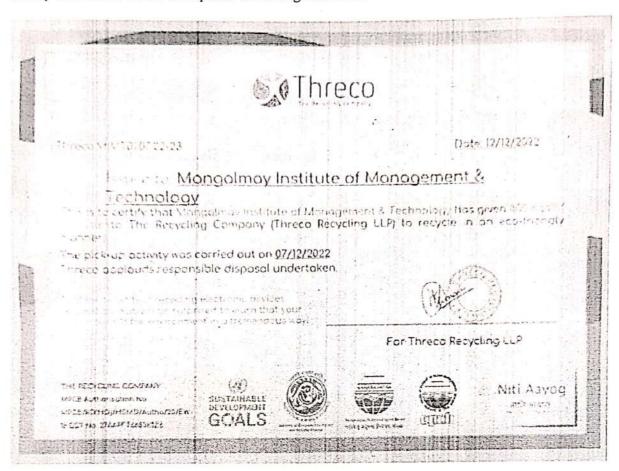
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E-waste or electronic waste is created when an electronic product is discarded after the end of its useful life. E-waste mainly includes obsolete electronic devices, such as computer systems, servers, monitors, compact discs (CDs), printers, scanners, copiers, calculators, fax machines, battery cells etc. E-waste is disposed off through vendors.



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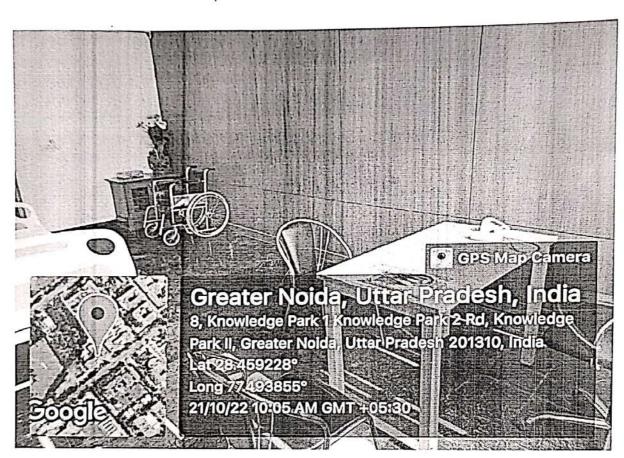
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#### 5. Disabled-friendly, barrier free environment

Facilities to be made available for Employees and students

- a. Availability of Ramps & rails.
- b. Availability of wheel chairs
- c. Disabled friendly washrooms
- d. Signage at appropriate places viz. lights, display boards and sign posts.
- e. Half hour concession in regular working hours is facilitated to disabled teaching and non teaching staff.
- f. Availability of Scribe.
- g. Institute website to be accessible for visually impaired students.
- h. Disability sensitization sessions as part of the Employees' and students' induction programme.
- i. Staff to be trained to assist persons with disabilities.

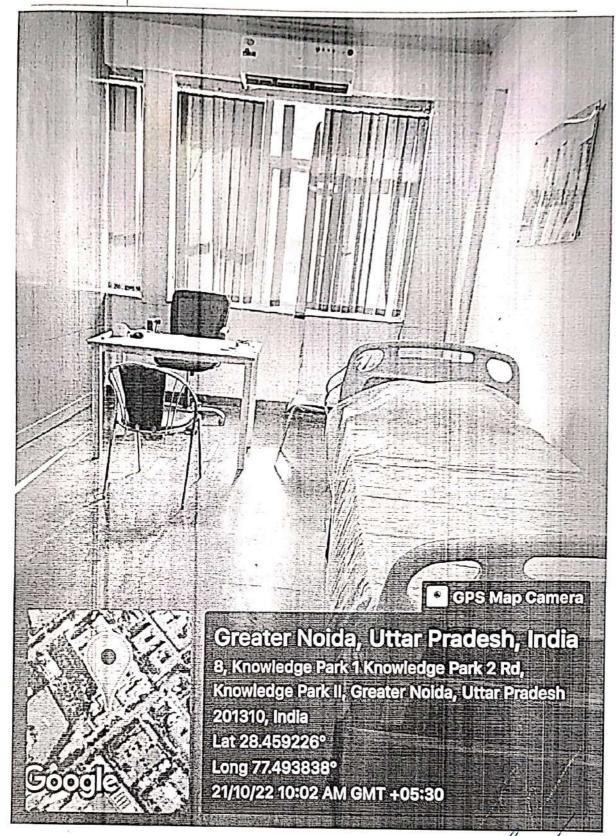


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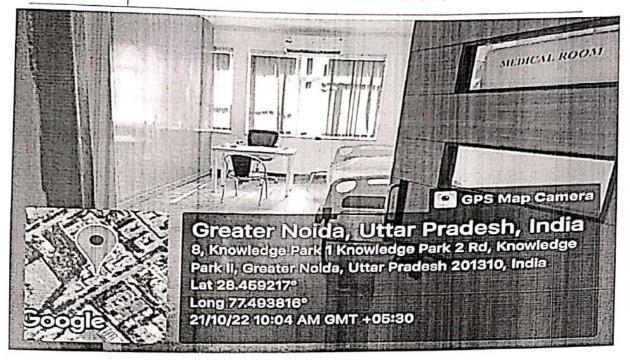
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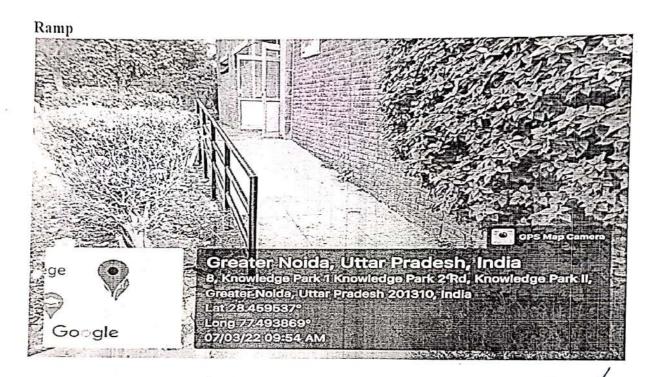




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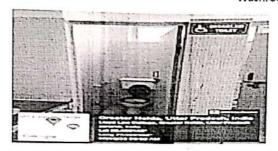
#### DIVYANGJAN FRIENDLY WASHROOM

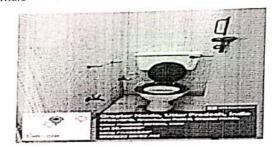
Washroom for Female





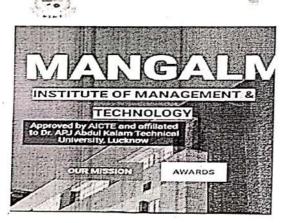
Washroom for Male





## **Screen Reading Software**









Mangalmay Institute of Management & Technology Greater Noida

