

**Various projects funded under NEWGEN IEDC**

**NEWGEN PROJECT LIST**

**Project List – 1st Year NewGen (F.Y 2019-2020)**

Sr. No	Project No.	Project Title	Team Members (Students)	Session & Branch
1	P/2019-20/01	Automatic Gardening System	AnujKatiyar	EEE 16-20
			Deepak	ME 16-20
2	P/2019-20/02	Rail Generator	Harshit Kumar Singh	EEE 17-21
3	P/2019-20/03	Sewage Cleaning Machine	AashuJha	ME 17-21
			MdShafique	ME 16-20
			AmanShrivastva	ME 17-21
			Shamsad Ahmad	ME 17-21
			Prashant Kumar Choubey	ME 17-21
4	P/2019-20/04	E- Sugarcane crusher/juicer machine	Syed Yusuf Amin	ME 17-21
			Prashant Kumar	ME 17-21
			Md. Suleman	ME 17-21
			Syed Faisal Hussain	ME 17-21
5	P/2019-20/05	Smart Solar panel cleaning system	Mayank Raj	ME 17-21
			Nitish Kr. Yadav	ME 17-21
			Riturajkumar	ME 17-21
			Shwetank Gupta	ME 17-21
			AakashBhati	ME 17-21
6	P/2019-20/06	Heart Monitoring Systems	Anil Prajapati	EEE 16-20
			TuibaMushtaq	EEE 16-20
			Aakash Gupta	EEE 16-20
7	P/2019-20/07	Farmers Friend/ Rice Planting Machine	Mr. Jeevesh Gupta	ME 17-21
			SristhiKumari	EEE 16-20
8	P/2019-20/08	Smart Inhaler	Sagar Kumar Thakur	ECE 17-21
			YashrajJaiswal	ECE 17-21
			Nanu Kumar	ECE 17-21
9	P/2019-20/09	Smart Trolley	Hariohm Kumar	CSE 16-20
			Vishal	CSE 16-20
			Gaurav	CSE 16-20
			HimanshiGarg	CSE 16-20
10	P/2019-20/10	Traffic free ambulance	Sameer	ECE 17-21
			Rahul.Raj	ECE 16-20
			Satyam Jaiswal	ECE 17-21
11	P/2019-20/11	Smart E Bike	Akarsh Pandey	ME 17-21
			AbhishekShrivastava	ME 17-21
12	P/2019-20/12	Reception Robot	Md. Suleman Akhtar	ME 17-21
			Jeevesh Gupta	ME 17-21

**Project List – 2nd Year NewGen (F.Y 2020-2021)**

Sr. No	Project No.	Project Title	Team Members (Students)	Session & Branch
1	P/2020-21/01	3D solar	Shubham Kumar	EEE 19-23
			Ayushi Agarwal	CSE 17-21
			ManasSonwane	ME 18-22
2	P/2020-21/02	Milk spilling Control Unit	Utkarsh Srivastava	ECE 19-23
			Ranjan Sinha	EEE 16-20
			Rijul Singh	CSE 16-20
3	P/2020-21/03	Continuous Variable Generator	Vaibhav Kumar Yadav	CSE 18-22
			Rishabhkumar	CSE 17-20
4	P/2020-21/04	Accelerator Enhancer for Bikes	ShivaniDubey	CSE 19-23
			Md. Samiruddin Ansari	EEE 20-23
5	P/2020-21/05	Tadpol E-Mobility	Nidhi Sharma	ME 16-20
			Md. Suleman	ME 17-21
6	P/2020-21/06	AI Based Glue Inspection System On S-Cards	Yash Kumar	CSE 18-22
			Nitesh Kumar	CSE 20-24
7	P/2020-21/07	Development of biodegradable coating based solution	Nitesh Kumar	CSE 20-24
			Yash Kumar	CSE 19-23
8	P/2020-21/08	Cutting fluid optimizer	Md. Suleman	ME 17-21
			Kamlesh Thakur	EEE 16-20
9	P/2020-21/09	Painting Automation	Mayank Raj	ME 18-22
			Nidhi Sharma	ME 16-20
10	P/2020-21/10	Flywheel Energy Storage System	Harshit Kumar Singh	EEE 17-21
			Shubhamkumar	EEE 19-23
11	P/2020-21/11	Wireless Laptop Charging platform	Sindhuza Singh	CSE 17-21
			Samiruddin Ansari	EEE 20-23
12	P/2020-21/12	Hospital Assistant Robot (Import Solution)	Jeevesh Gupta	ME 17-21
			VaibhavKumarYadav	CSE 18-22
			Saket Tiwari	CSE 17-21
13	P/2020-21/13	Smart Thermal Testing Goggle	Md. Samiruddin Ansari	EEE 20-23
			Nidhi Sharma	ME 16-20
14	P/2020-21/14	Self -Cleaned Saniized Dining Table	Yash Sharma	ME 19-23
			Samiruddin Ansari	EEE 20-23
			Shubhamkumar	EEE 19-23

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Sr. No	Project No.	Project Title	Team Members (Students)	Session & Branch
15	P/2020-21/15	Kitchen Automation	Ayushi Agarwal	CSE 17-21
			PiyushSokhi	CSE 20-24
16	P/2020-21/16	Fully Automatic Shoe Polish Rack	Yash Kumar	ME 18-22
			UtkarshSrivastav	ECE 19-23
17	P/2020-21/17	Zero energy Toilet	MANAS SONWANE	ME 18-22
			Yash Kumar	ME 18-22
18	P/2020-21/18	EV-VCU Development	Saket Tiwari	CSE 17-21
			Sindhuza Singh	CSE 17-21
19	P/2020-21/19	Smart down rod	Syed Yusuf Amin	ME 17-21
			Mayank Raj	ME 18-22
			Jeevesh Gupta	ME 17-21
20	P/2020-21/20	Traffic data analyzer	Rishav Kumar	CSE 17-20
			Harshit Kumar Singh	EEE 17-21
			Syed Yusuf Amin	ME 17-21

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**Project List – 3rd Year NewGen (F.Y 2021-2022)**

Sr. No	Project No.	Project Title	Team Members (Students)	Session & Branch
1	P/2021-22/01	Natural air purifier	Raj Kumar Shukla	ME 19-23
			VinitYadav	ME 19-23
2	P/2021-22/02	E-Tractor with variable Power	Shubham	EEE 19-23
			Md Sameer	EEE 20-23
3	P/2021-22/03	QR Code and Packing List Inspection System	MdArkam	ECE 19-23
4	P/2021-22/04	Converting Desert Cooler to Air conditioner using refrigerator	Ashirvad Pal	ME 19-23
			JAYANT SINGH RAJPUT	ME 19-23
			Jaibeer	ME 19-23
5	P/2021-22/05	AI based system to evade stray Livestock's	Shaswat Pandey	ECE 19-23
			DivyaVerma	ECE20-24
6	P/2021-22/06	Hybrid Vehicle Washing System	Abhishek Pal	ME 19-23
			AAKASH	ME 19-23
7	P/2021-22/07	Mid-day meal automated reporting and Management system	Devraj Singh	ECE 21-25
			Shubham Kumar	EEE 19-23
8	P/2021-22/08	Endurance Tester for Geyser	Md Sameer	EEE 20-23
9	P/2021-22/09	Method for making biodegradable shellac and synthetic resin based moulded products and PCB base	MayankSenger	EEE 19-23
			Manish Pandey	EEE 19-23
10	P/2021-22/10	Development of electrically insulating biodegradable shellac based fibers and method	Nitish Kumar Jha	CSE 19-23
			Yash Kumar	CSE 19-23
11	P/2021-22/11	High Power Density Modular BLDC Motor Controller	Nidhi Sharma	ME 19-23
12	P/2021-22/12	Vehicle Alignment Indicator	Shubham	EEE 19-23
			Md Sameer	EEE 19-23
13	P/2021-22/13	Micro hydro power water wheel with Compressed air energy storage system	Nidhi Sharma	ME 19-23
			Sohaib Ahmad	ME 19-23
14	P/2021-22/14	A device to charge EV Battery in running condition of Vehicle	VIPUL MAURYA	AIML 22-26
			VEDANT SHARMA	AIML 22-26

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Sr. No	Project No.	Project Title	Team Members (Students)	Session & Branch
15	P/2021-22/15	Solid Fertilizer Spreading Machine	Shivendra K Singh	ME 19-23
			Prasoon Singh	ME 19-23
16	P/2021-22/16	Modular brushless direct current (BLDC) electric motor	Nidhi Sharma	ME 19-23
17	P/2021-22/17	Rice Threshing Cum Chaff Cutting Machine	SurajVishvakarma	ME 19-23
			Alok Kumar	ME 19-23
			AshutoshYadav	ME 19-23
18	P/2021-22/18	Online payment device for Machine of Beverages	NikunjKushik	CSE 20-24
			Saket Tiwari	CSE 20-24
19	P/2021-22/19	The Marvel Tooth Brush	MuskaanSachdeva	Santosh
			Afreen Ali	Santosh
			Arshdeep Singh	Santosh
20	P/2021-22/20	Automatic Dairy Animal Feeder	PiyushSokhi	CSE 20-24
			Lovely Gupta	CIVIL 18-22

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**Project List – 4th Year NewGen (F.Y 2022-2023)**

Sr. No	Project No.	Project Title	Team Members (Students)	Session & Branch
1	P/2022-23/01	Smart Machine Box	GaganSahu	CSE 21-25
			Shivansh Seth	CSE 21-25
			GautamNegi	ECE 21-25
2	P/2022-23/02	Advanced Datum Surface Table	Jayant Singh Rajput	ME 19-23
3	P/2022-23/03	Flexible 5G Antenna	Raghunandan Kumar	ECE 22-26
			PiyushSokhi	CSE 20-24
4	P/2022-23/04	TMR mixer	Shivendra Kumar	ME 19-23
			Suraj Kumar	ME 20-24
			Shubham Kumar	EEE 19-23
5	P/2022-23/05	IF YONO	Anannya Sharma	UPID
			Shashwat Pandey	ECE 19-23
6	P/2022-23/06	Chemical Electrodialiser for Waste Water Treatment	Mohit Ravi Kumar	ME 22-26
			PangersunglaPongen	CIVIL 22-26
			PiyushSokhi	CSE 20-24
7	P/2022-23/07	Face Attendance Monitoring System	Shashwat Pandey	ECE 19-23
			AmanPratap Singh	ECE 20-24
8	P/2022-23/08	Udaan (Flight Controller for Drone)	KajalKapil	UPID
			Md. Samiruddin Ansari	EEE 20-23
9	P/2022-23/09	Vertical Mop Robot	Shubham Kumar	EEE 19-23
			Aadarsh	ECE 21-25
10	P/2022-23/10	Rice Age Finder Machine	MdSamiruddin Ansari	EEE 20-23
			Manish Pandey	EEE 19-23
11	P/2022-23/11	Multi-level Encryption	NikunjKaushik	CSE 20-24
			Shivansh Seth	CSE 21-25
12	P/2022-23/12	Digital Healthcare Assistant	AinulHasan	ECE 19-23
			Aditya shankar	ECE 20-24
			AshwinYadav	EE-21-25

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Sr. No	Project No.	Project Title	Team Members (Students)	Session & Branch
13	P/2022-23/13	Smart Mirror Connected to IOT	Devraj Singh	ECE 21-25
			Shubhang Mishra	CSE 22-26
14	P/2022-23/14	Automatic Physiotherapy Assistance Machine (CPM)	Deepanjan	ME 20-24
			AshwinYadav	ECE 21-25
15	P/2022-23/15	Solar Powered Battery Swapping Station	Md. Samiruddin Ansari	EEE 20-23
16	P/2022-23/16	Triple Power Advance PCU	Shubham Kumar	EEE 19-23
17	P/2022-23/17	Smart Bench	Shashwat Pandey	ECE 19-23
18	P/2022-23/18	Enterprise (ESA)	Aditya Rai	AIML 21-25
			Shubham Kumar	EEE 19-23
			Priya Shah deo	CSE 21-25
19	P/2022-23/19	Kinetic Chandelier	Shubham Kumar	EEE 19-23
			Shaswat Pandey	ECE 19-23
			Md. Samiruddin	EEE 20-23
20	P/2022-23/20	Milk Adultration	Shubham Kumar	EEE 19-23
			Shaswat Pandey	ECE 19-23
			Md. Samiruddin	EEE 20-23

*K. Jayan*

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Name: Rice Chaffing and Cutting Machine

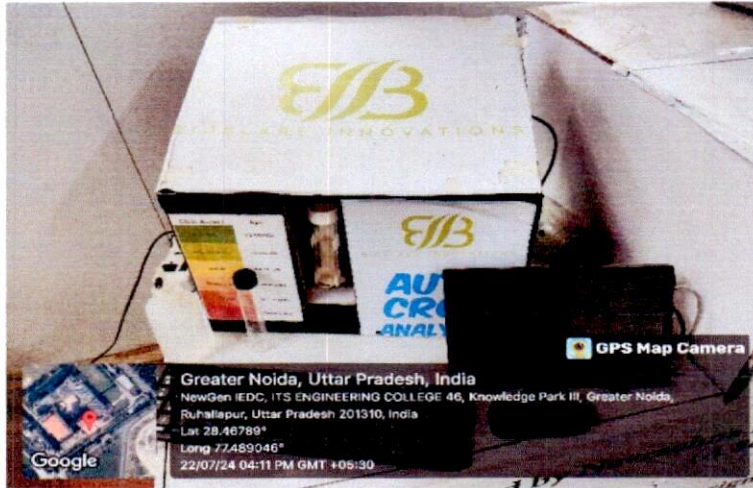


Name: Tripple Power Advanced PCU

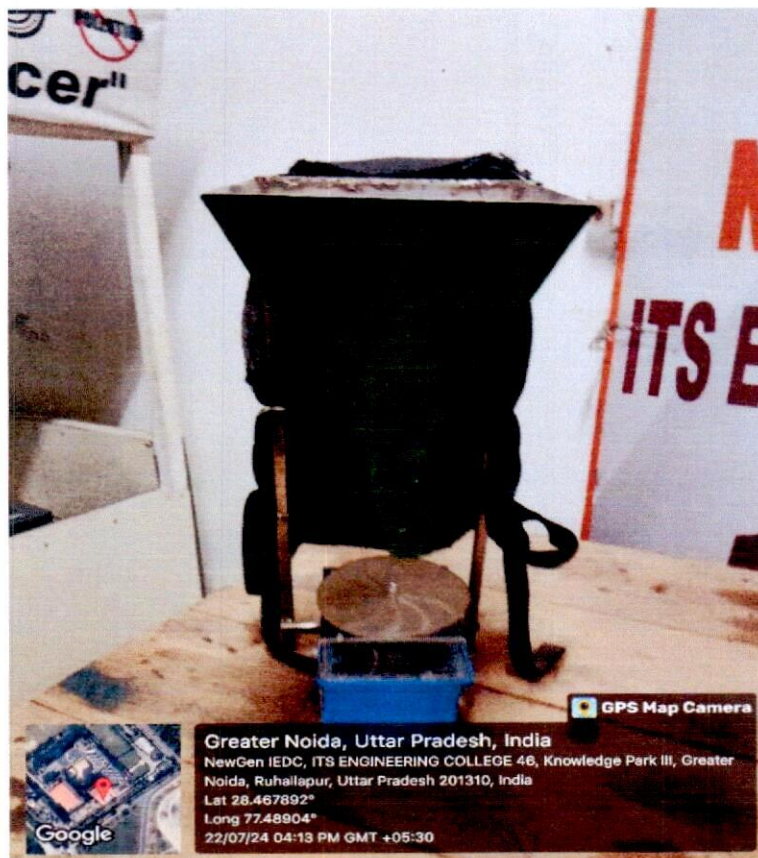
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Name: Automatic Rice Age Finding Machine

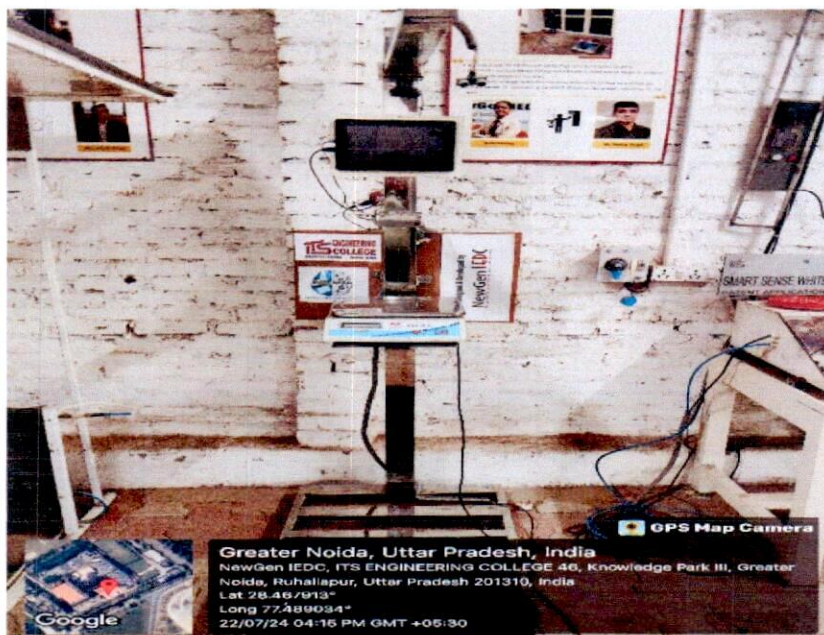


Name: Solid Agro Fertilizer Spreading Machine

  
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Name: Digital Health Care Assistant

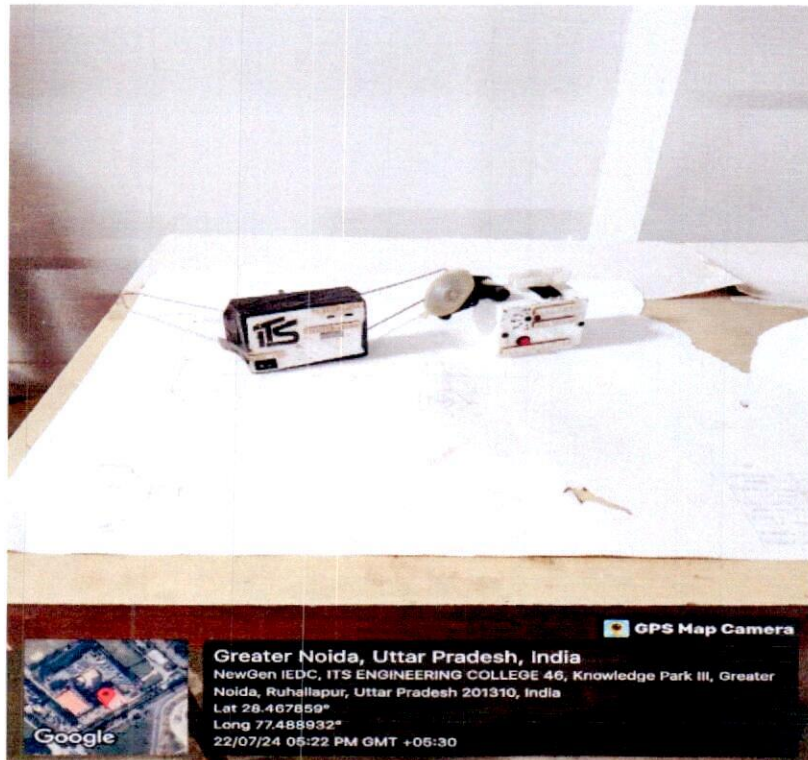


Name: Automatic MidDay Meal Monitoring System

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Name: Battery Swapping Station



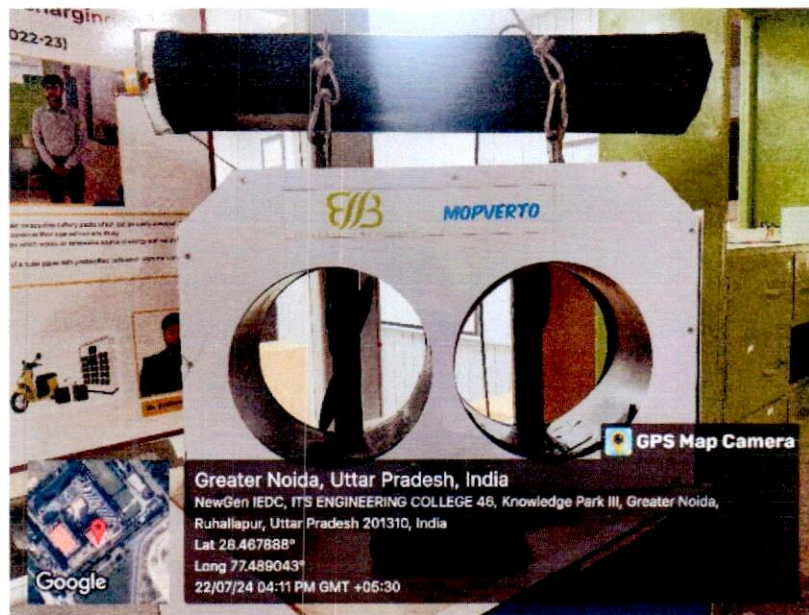
Name: Anti Milk Boiling and Spreading Unit

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Name: Milk Adulteration Testing Unit

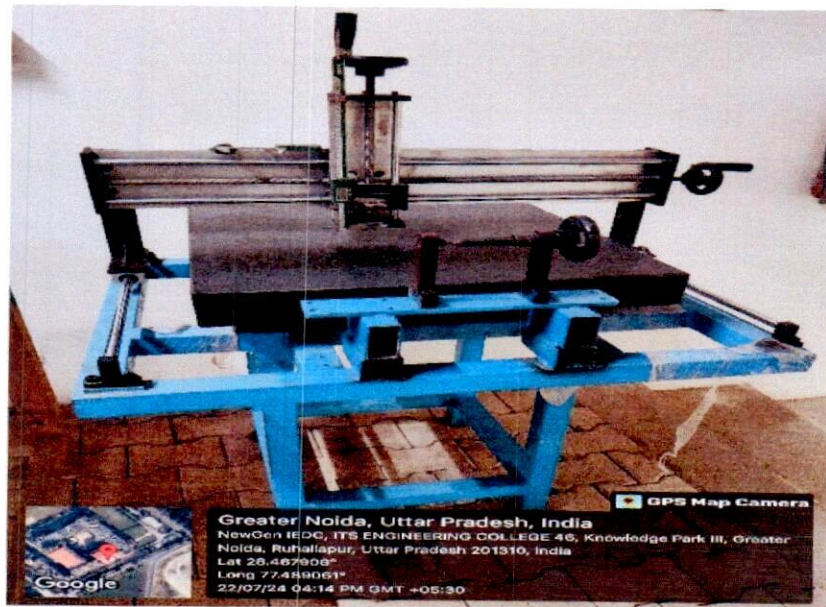


Name: Vertical Mop Robot

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Name: 3D Solar

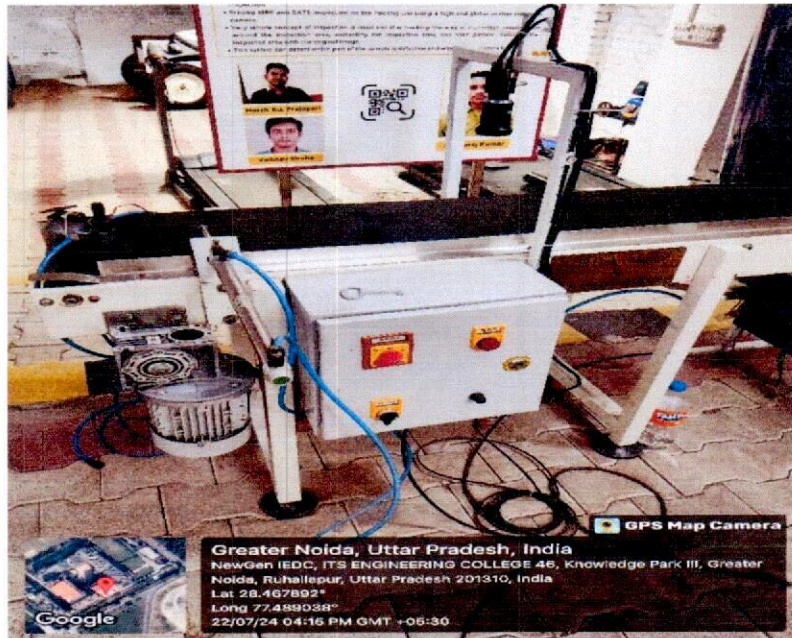


Name: Advanced Datum Surface Table

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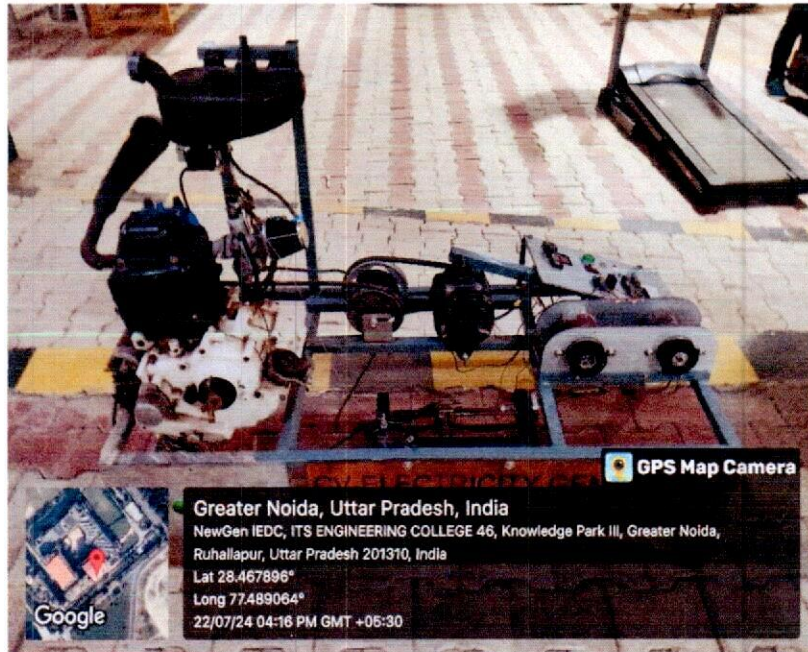


Name: Natural Air Purifier

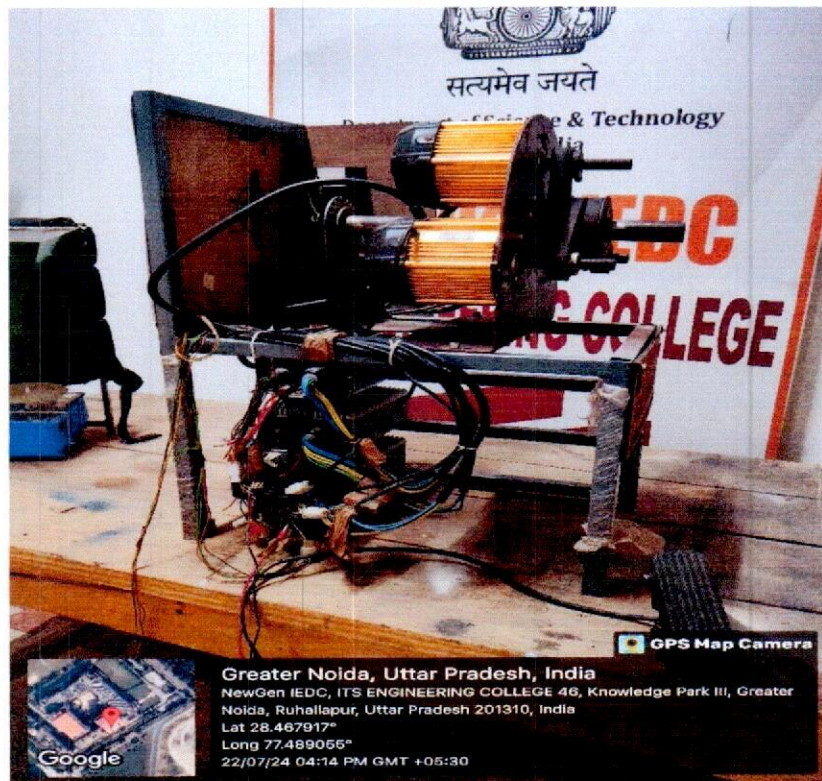


Name: QR code packaging list inspection

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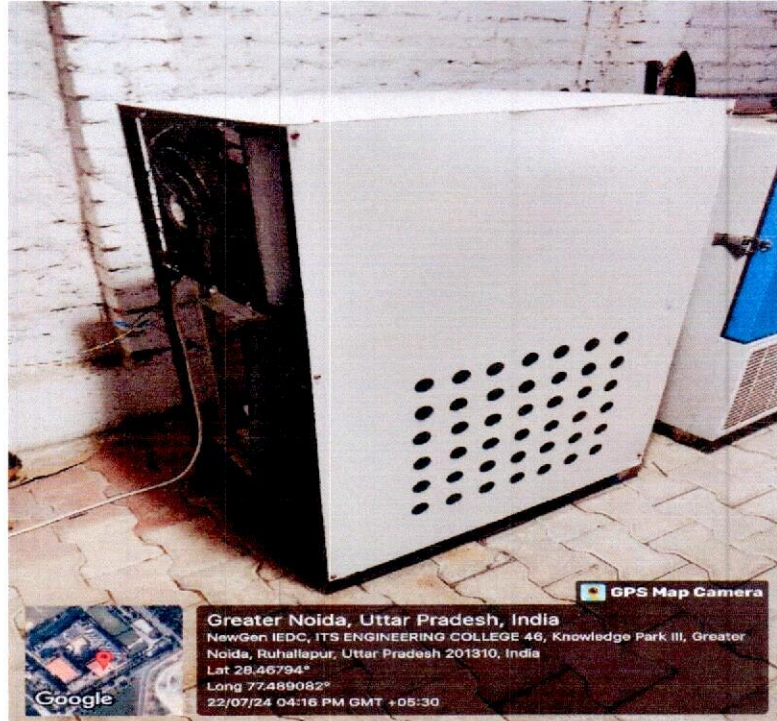


Name: Continuous Variable Generator



Name: Accelerator Enhancer

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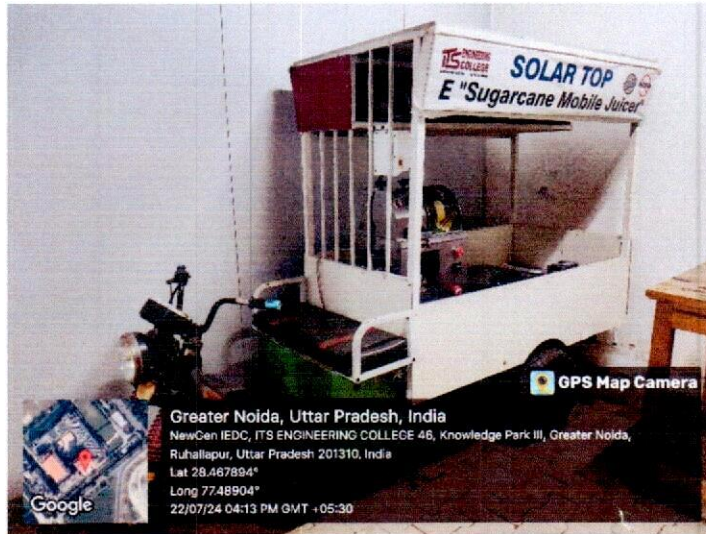
Name: Desert Air Cooler cum Air Conditioner



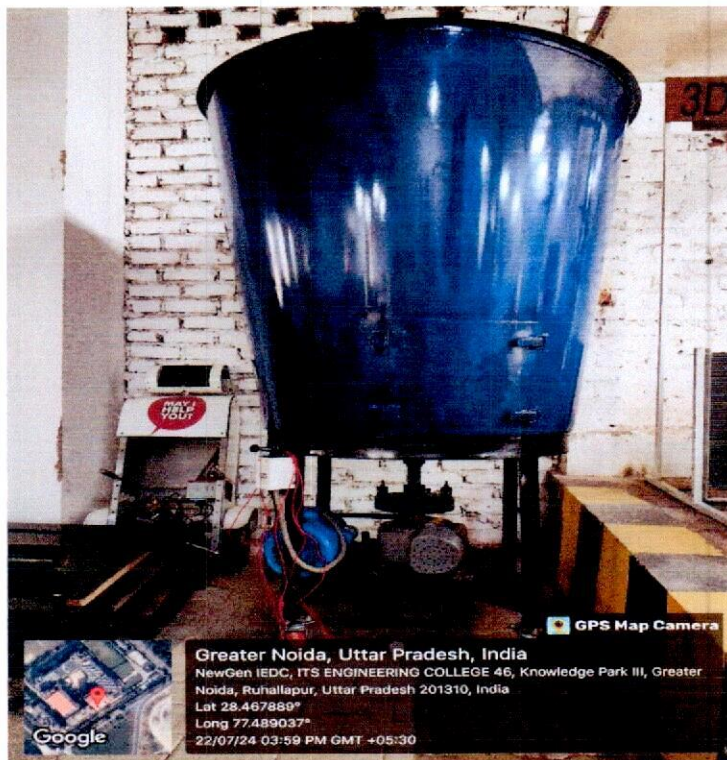
Name: Knee and Ankle CPM Machine

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Name: Solar Top E-Sugarcane Mobile Juicer



Name: TMR Mixer

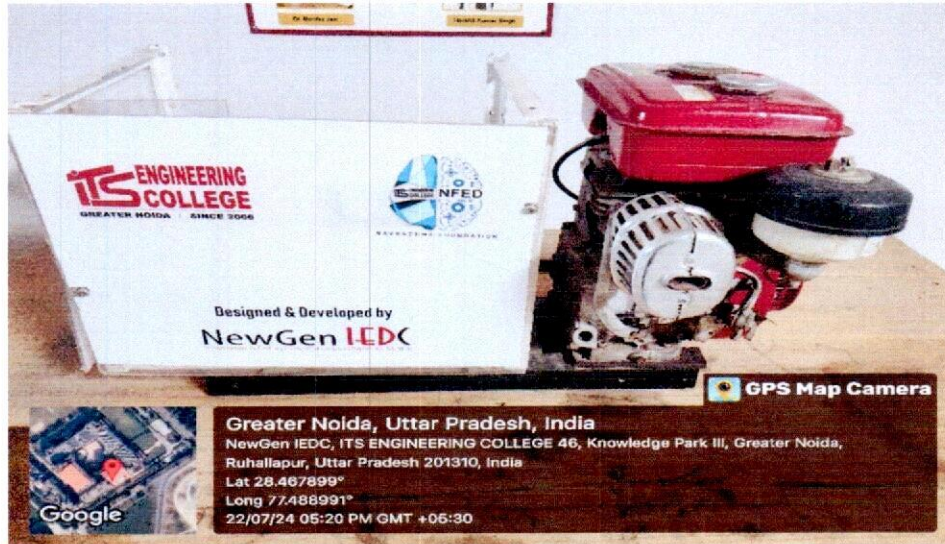


Name: Smart Mirror

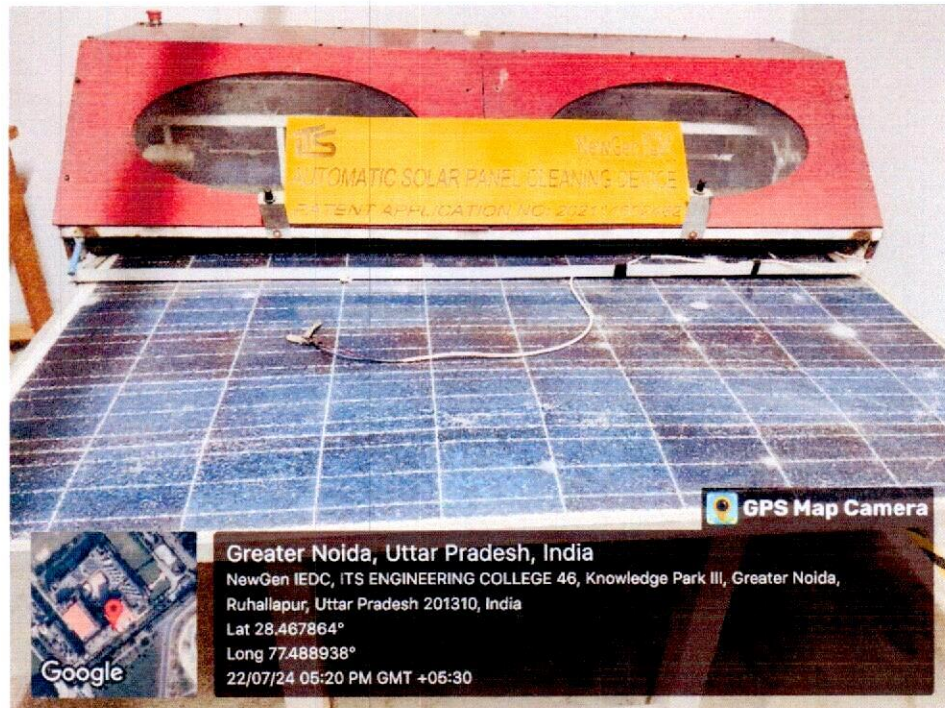


Name: Self Sanitizing Table

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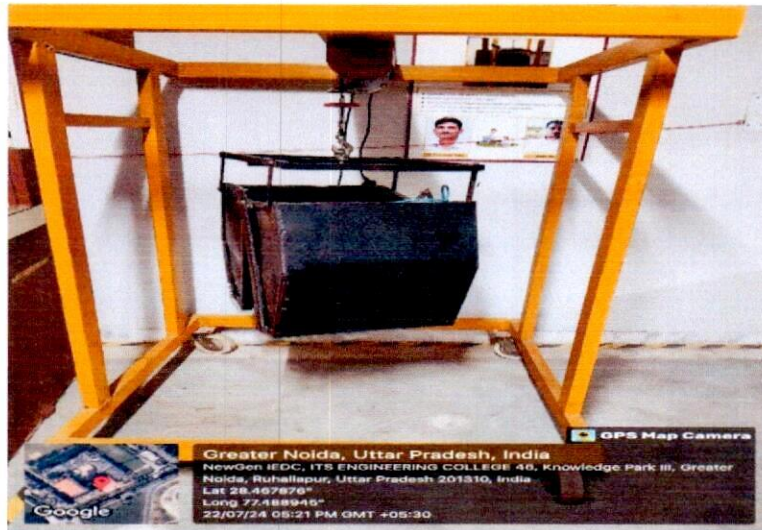


Name: Rail Generator



Name: Automatic Solar Panel Cleaning Device

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Name: Automatic Sewage Cleaning Machine



Name: Smart Gardening System

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