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**NATIONAL
INSTITUTIONAL
RANKING
FRAMEWORK**



**Times Higher Education
Impact Rankings 2024**



**Times
Higher
Education**

**QS UNIVERSITY
RANKINGS
ASIA**



GITAM
DEEMED TO BE UNIVERSITY

BENGALURU • HYDERABAD • VISAKHAPATNAM

13 CLIMATE
ACTION



SDG # 13 :: Progress Report : AY 2023 - 24

GITAM University SDG 13: Climate Action Progress Report : 2023-24

GITAM University advanced SDG 13 through its Climate Action Policy, emphasizing greenhouse gas reduction, renewable energy adoption, and climate resilience. Achievements in 2023-24 earned a world rank of 101-200 in THE Impact Rankings 2024 for SDG 13, reflecting strong performance among 924 institutions.

GITAM University reduces carbon emissions through its Climate Action Policy and Net Zero Commitment by 2030, targeting 30% energy use reduction via renewables and efficiency measures.

Key Initiatives:

Renewable Energy Adoption

- ☞ Solar panels totaling 1570-1614 KVA across Visakhapatnam, Hyderabad, and Bengaluru campuses generate ~35-36% of energy needs, displacing fossil fuels and cutting emissions. An energy audit identified 2,253,125 kWh annual savings, equivalent to 1,915 tons CO₂ reduction, with rooftop solar contributing 1,118,533 kWh yearly.

Efficiency and Conservation

- ☞ LED lighting, five-star appliances, solar hot water, centralized energy management, and capacitive banks optimize power use. Smart metering and building retrofits (insulation, HVAC) support ongoing reductions. Fossil fuel reliance drops via sustainable transport promotion and carbon credits for residual emissions.

Conducting Audits

- ☞ GITAM has started championing the SGDs and several of the policies and SOPs have been revised in alignment with carbon neutrality. In addition, Energy Audit, Environment Audits, and Green Audits have been conducted by Third-

party external agencies that are the members of IAF Forum. The reports are found to be useful documents in understanding the performance of the present and planning for the future.

Use of Electricity operated Vehicles

- ☞ GITAM uses low-speed electric vehicles for internal mobility, autonomous buggies. During 2023-24, it spent INR 17.59 lakhs to procure these vehicles.

GITAM (Deemed to be University) (Established u/s 3 of the UGC Act, 1956) (Gandhi Nagar, Rushikonda, Visakhapatnam, AP - 530045) SCHEDULE OF PROPERTY PLANT AND EQUIPMENT AS AT 31ST MARCH 2024											
Rupees in lakhs											
PARTICULARS	Gross Block				Depreciation				Net Block		
	As at 01.04.2023	Additions		Deletions / Transfer	As at 31.03.2024	Up to 31.03.2023	Deletions	For the year	Up to 31.03.2024	As at 31.03.2024	As at 31.03.2023
TANGIBLE ASSETS		Upto 30.09.2023	From 01.10.2023								
1) Land											
a) Free Hold	27,896.97	184.00	-	-	28,080.97	-	-	-	-	28,080.97	27,896.97
b) Play Grounds	253.75	-	-	-	253.75	-	-	-	-	253.75	253.75
2) Buildings											
a) Academic Buildings	5,199.94	255.11	779.93	-	6,234.98	328.23	-	551.68	879.90	5,355.08	4,871.71
b) Water Works	823.10	36.54	11.91	-	871.56	513.65	-	35.20	548.84	322.71	309.46
c) Buildings	1,77,128.17	74.58	356.97	-	1,77,559.72	96,323.41	-	8,092.62	1,04,416.03	73,143.69	80,804.76
d) Roads & Drains	4,081.44	-	22.52	-	4,103.96	2,138.55	-	195.42	2,333.97	1,770.00	1,942.89
e) Hospital Building	132.70	265.88	8.20	-	406.78	13.27	-	38.94	52.21	354.57	119.43
3) Equipment											
a) Lab Equipment	4,301.19	987.88	929.38	-	6,218.46	2,973.89	-	416.98	3,390.87	2,827.58	1,327.30
b) Office Equipment	554.52	12.94	104.98	-	672.45	363.78	-	38.43	402.20	270.25	190.75
c) Air Conditioning Equipment	1,443.55	209.34	614.45	-	2,267.35	229.60	-	259.58	489.18	1,778.17	1,213.95
d) Audio Video Equipment	2,358.10	21.82	270.82	-	2,650.74	252.31	-	339.45	591.77	2,058.97	2,105.78
e) Sports Equipment	148.87	36.32	202.50	-	387.70	80.51	-	30.89	111.40	276.30	68.36
f) Electrical Equipments	1,041.75	905.63	28.53	-	1,975.91	685.16	-	191.47	876.63	1,099.28	356.59
g) General Equipment	5,893.02	348.70	467.67	-	6,709.38	4,234.69	-	336.13	4,570.82	2,136.57	1,658.33
h) Generators	329.51	245.31	68.92	-	643.74	244.45	-	54.73	299.17	344.57	85.06
i) EPBAX	22.50	-	-	-	22.50	15.39	-	1.07	16.46	6.04	7.10
j) Hospital Equipment	2,833.27	87.95	426.30	156.42	3,191.11	1,839.06	120.30	188.88	1,907.65	1,283.46	994.21
k) Canteen Equipment	2,361.27	65.11	185.24	28.62	2,592.99	1,074.20	11.49	214.15	1,276.87	1,306.13	1,287.06
l) Other Equipment	37.61	11.54	-	-	49.15	7.66	-	6.22	13.89	35.27	29.95
m) Hostel Assets	0.00	-	-	-	0.00	-	-	-	-	0.00	0.00
n) Life Saving Medical Equipment	673.25	457.52	432.24	-	1,563.01	193.22	-	461.47	654.69	908.33	480.04
4) Furniture											
a) Classroom Furniture	84.04	2.67	57.28	-	143.99	6.30	-	10.90	17.21	126.78	77.74
b) Office Furniture	152.78	78.10	571.38	-	802.26	22.92	-	49.38	72.30	729.96	129.87
c) Furniture	8,955.66	79.94	60.88	-	9,096.48	4,708.20	-	434.14	5,143.34	3,953.14	4,246.46
d) Hostel Furniture	761.44	291.53	309.90	-	1,362.87	515.21	-	69.27	584.48	778.39	246.23
e) Hospital Furniture	16.44	16.77	24.48	-	57.69	2.47	-	4.30	6.76	50.92	13.97
5) Pollution Control Equipment											
a) Solar Equipment	1,020.87	-	-	-	1,020.87	953.73	-	26.86	980.59	40.28	67.14
6) Research Equipment	2,127.55	556.70	936.66	-	3,620.91	1,319.72	-	140.80	1,460.52	2,160.39	807.84
7) Computers											
a) Networking Equipment	3,078.33	985.06	692.87	-	4,756.26	2,445.14	-	785.87	3,231.01	1,525.24	633.19
b) PCs / Laptops	7,025.33	129.73	1,176.98	722.63	7,809.41	5,749.42	549.44	720.21	5,920.19	1,689.22	1,275.91
8) Library Books	1,714.06	61.08	96.16	-	1,871.30	1,645.29	-	71.09	1,716.38	154.92	68.77
9) Vehicles											
a) Vehicles	841.28	41.05	106.87	36.30	952.90	467.24	28.98	69.18	507.44	445.46	374.04
b) Electricity Operated Vehicle	-	-	17.59	-	17.59	-	-	3.52	3.52	14.07	-
TOTAL	2,63,482.61	6,697.12	17,238.12	943.97	2,86,473.87	1,29,357.19	710.20	14,079.34	1,42,726.33	1,43,747.54	1,34,125.42
INTANGIBLE ASSETS											
10) Softwares	578.04	33.11	23.04	-	634.19	528.80	-	33.03	561.83	72.36	49.23
TOTAL	578.04	33.11	23.04	-	634.19	528.80	-	33.03	561.83	72.36	49.23
11) Capital Work in Progress	9,421.32	16,417.75	8,393.30	21,985.68	12,246.70	-	-	-	-	12,246.70	9,421.32
TOTAL	2,73,481.97	23,147.99	25,654.46	22,929.65	2,99,354.77	1,29,885.99	710.20	14,112.37	1,43,288.16	1,56,066.61	1,43,595.98


D. GUNASEK
Registrar


K. RAVI SRINIVAS
Chief Financial Officer

Place: Visakhapatnam
Date: 14.04.2024

As per our Report of even date attached
For **SRIRAMAMURTHY & CO**
Chartered Accountants


D. TEJA SAGAR
Partner
Membership No: 227878
FRN: 003032S

Achievements:

GITAM Bengaluru's 500 kWp rooftop solar project, executed by SM Renergy Pvt Ltd, received the Leadership in Performance award at the 24th CII Green Power Conference held at the India Habitat Centre, New Delhi.

This recognition affirms our effort to create sustainable, intelligent campuses that support high-quality academic and research experiences. The award reflects GITAM's commitment to building sustainable campuses that support meaningful learning for every student.



<https://www.instagram.com/p/DLol1X1JdPK/>

Innovations:

In addition to large-scale installations, GITAM has developed and transferred technology for a Hybrid Solar Dehydrator to tackle post-harvest losses in agriculture, showcasing applied research in renewable energy.

TECHNOLOGIES TRANSFERRED

1 Technology Transfer of Hybrid Solar Dehydrator to Empower Farmers in Mizoram

Hybrid solar dehydrator to ease farmers' woes in Mizoram

- The eco-friendly solution incorporates renewable solar energy
- The cutting-edge technology aims to aid in drying herbs and spices

HANS NEWS SERVICE
VISAKHAPATNAM

A hybrid solar dehydrator with automatic temperature controller, an energy-efficient and eco-friendly innovation, that integrates solar energy for daytime drying and grid or stored energy for nighttime operations, has been developed for farmers in Mizoram. Designed and developed by GITAM Technology



GTEC team members discussing with Mizoram Governor K Hari Babu during their meet in Aizawl.

Enabling Centre (GTEC), Visakhapatnam campus to combat challenges of high humidity in Mizoram, the eco-friendly solution incorporates renewable solar energy to reduce moisture in valuable farm produce.

By extending shelf life, the technology empowers farmers and MSMEs with a scalable and reliable solution, enhancing productivity and economic growth, ensuring 24/7 functionality. The cutting-edge technology

aims to aid in drying herbs and spices like turmeric, mint, basil, and ginger, as well as grains, seeds, and nuts such as rice, wheat, sunflower seeds and cashews, thereby significantly extending their shelf life

and reducing post-harvest losses. The technology was transferred formally to the State of Mizoram from the institution through a letter of transfer signed by the Mizoram Minister of Horticulture Department Prof Lalhmuawma and GTEC coordinator Prof Raja P Pappu at a meeting held recently in Mizoram.

Speaking about the initiative, Prof Raja P Pappu, Dean of the institution's School of Business and coordinator of GTEC, highlighted that the dehydrator is also highly effective for processing fruits like mangoes, bananas, apples, vegetables as well as medicinal plants and trees like neem, moringa, chamomile and hibiscus.

It is also suitable for ex-

otic products like apricot, jackfruit, dragon fruit, cocoa and coffee beans, opening up new market opportunities for farmers, including exports. The Professor emphasised that the low-cost, energy-efficient technology aligns with Mizoram's sustainable development goals by boosting small-scale farmers' income, reducing food wastage, creating employment opportunities and driving economic growth.

The inventors of the customised hybrid solar dehydrator, including GTEC manager Karaka VVNR Chandra Mouli, BARC former scientist and Distinguished Professor Dr Ravi Kumar Gurazada, and Chief Operating Officer GTEC Sombhatt Shastri met Mizoram Governor K Hari Babu,

Mizo ryots to get solar dehydrator from GITAM

EXPRESS NEWS SERVICE
@ Visakhapatnam

THE GITAM Technology Enabling Centre (GTEC) at GITAM Deemed-to-be University has developed a "Hybrid Solar Dehydrator with Automatic Temperature Controller" to assist farmers in Mizoram by reducing post-harvest losses and extending product shelf life.

In a formal ceremony, the technology was handed over to the Mizoram government. Horticulture Minister Lalhmuawma and Dean of GITAM School of Business and GTEC Coordinator Raja P Pappu signed the transfer agreement.

The dehydrator is suitable for drying herbs, spices, grains, seeds, nuts, vegetables, fruits, medicinal plants, and high-value products like cocoa and coffee beans. Pappu highlighted its role in supporting Mizoram's sustainable development goals by reducing food wastage, enhancing farmer income, and



promoting economic growth.

The invention team includes GTEC Manager Dr Karaka VVNR Chandra Mouli, former BARC scientist Dr Ravi Kumar Gurazada, and GTEC COO Sombhatt Shastri, Assistant Professor Dr Lalhmuawma Renthlei of Mizoram University coordinated with the State government.

The dehydrator integrates solar energy for daytime drying and grid or stored energy for night use. It achieves temperatures up to 89°C, effectively drying products while preserving flavour, odour, and colour.

Its customisable design and advanced sensors ensure efficient drying.

GITAM Technology Enabling Centre (G-TEC) has developed a Hybrid Solar Dehydrator, integrating solar and stored energy to ensure 24/7 functionality. This eco-friendly solution helps farmers in Mizoram combat high humidity, reduce post-harvest losses, and extend produce shelf life.

The technology, formally transferred to Mizoram's Horticulture Department, supports drying herbs, spices, grains, nuts, and fruits, enhancing productivity, income, and export opportunities. Developed by G-TEC experts and backed by Mizoram Governor K. Hari Babu, this initiative aligns with sustainable development goals, boosting farmers' livelihoods and economic growth.

Engagement:

GITAM University organized several events in 2023-24 focused on climate action, sustainability, and renewable energy to advance SDG 13 goals.

14th International Conference on Sustainable Waste Management and Circular Economy (IconSWM-CE) & IPLA Global Forum 2024:

Held in 2024 at GITAM, this event addressed climate challenges like rising global temperatures, waste-to-resource strategies, net-zero economy, and circular business models. It included discussions on decarbonization, green supply chains, and community-based waste management, with a hackathon for transforming institutional dry waste into products.

International Synthetic Fuels Conference (ISFC-2024): Organized in August 2024 at Visakhapatnam campus with India Smart Grid Forum and Amity University, it featured experts from NITI Aayog, US government, IITs, and NTPC discussing nuclear-hydrogen integration, small modular reactors, and carbon capture for energy transition and net-zero emissions.

Kautilya Colloquy 2024: Hosted September 21, 2024, by Kautilya School of Public Policy at Hyderabad campus, the Climate Change & ESG panel explored economic growth vs. environmental responsibility, just transitions, social equity, and carbon tariffs in international trade.

Outcomes of GITAM University's climate action forums in 2023-24:

IconSWM-CE & IPLA GF 2024 Outcomes

The November 28–December 1, 2024, conference featured 530 papers across 63 sessions in 11 tracks, emphasizing waste-to-resource conversion, decarbonization, and circular economy models. Outcomes included knowledge-sharing platforms for government, academia, and industry on resource efficiency, green supply chains, and community waste management, with a hackathon advancing institutional dry waste transformation into products.

ISFC-2024 Resolutions

Held in August 2024, the conference resolved to accelerate nuclear-hydrogen integration for net-zero emissions, highlighting small modular reactors (SMRs), carbon capture utilization storage (CCUS), and CO₂-from-seawater hydrogen production. Participants committed to academia-industry-government

collaborations for decarbonizing industry and transport sectors, aiming for India's energy independence by 2035.

Kautilya Colloquy 2024 Key Insights

The September 2024 Climate Change & ESG panel outlined roadmaps for balancing economic growth with environmental responsibility, just transitions, and social equity. Resolutions advocated enhancing FAME/PLI schemes, addressing funding gaps, and leveraging carbon tariffs in trade to boost policy efficacy for India's climate goals.

Community Outreach

- ✎ GITAM University celebrated World Environment Day 2024 on June 5 with campus-wide activities promoting land restoration, drought resilience, and sustainability, aligning with the global theme.
- ✎ A large-scale tree plantation drive engaged students, faculty, and staff across Visakhapatnam, Hyderabad, and Bengaluru campuses, enhancing green cover and carbon sequestration. The Women Empowerment Cell highlighted eco-friendly initiatives like the Ela Cup for zero-waste menstrual hygiene, fostering awareness on sustainable products.
- ✎ The Department of Student Life (DoSL) at Hyderabad hosted an online session on environmental topics, while academic calendars marked the day for integrated observances. These efforts complemented GITAM's Climate Action Policy, reinforcing renewable energy and waste reduction commitments discussed in prior forums.
- ✎ Inspired by Gandhiji's vision of a cleaner India, GITAM off Campus Bengaluru held the Swachhata Hi Seva 4.0 campaign on 4th November 2024 bringing together students, staff, and volunteers for four days of impactful community service. From collecting waste across campus to engaging with a nearby school, our team promoted cleanliness and environmental care with hands-on activities and tree planting. The final phase took us off-campus to clean a 2 km stretch along the national highway, ending with planting 85 trees at our

campus entrance. This collective effort reminds us of what we can achieve together for a greener, healthier future.



- 👉 GITAM Hyderabad's 4-week Swachhata Campaign 4.0 wrapped up with a robust focus on sustainability and community impact! From a campus-wide cleaning drive to recycling 2,370 kg of documents, the initiative was supported by the Directorate of Student Life, the Department of Hospitality, and NSS teams. We cleared 12,000 kg of scrap, created 9,000 sq. meters of usable space, and donated mattresses and pillows to Rudraram Village. The campaign closed with a tree-planting event at a local school, reinforcing our commitment to a greener, more sustainable future.



International Coastal Clean-up Day:

GITAM students were among the volunteers who participated in a large-scale beach clean-up activity at Rushikonda Beach on September 21, 2024, organized by The Hindu FIC in association with Arcelor Mittal & Nippon Steel (AMNS) India Limited. GITAM University participated in significant beach clean-up drives in 2024, especially around [Rushikonda Beach](#), collaborating with organizations like [AMNS](#), [The Hindu](#), and the [GVMC](#) for events like the [Eco Blue initiative](#), focusing on removing plastic and debris to promote coastal health as part of broader environmental awareness campaigns. Students from GITAM's NSS wing, engineering, and medical colleges were actively involved, collecting waste and learning about marine pollution.