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GITAM

DEEMED TO BE UNIVERSITY

BENGALURU • HYDERABAD • VISAKHAPATNAM

11 SUSTAINABLE CITIES
AND COMMUNITIES



SDG # 11 :: Progress Report : AY 2023 - 24

GITAM UNIVERSITY – SDG #11-SUSTAINABLE CITIES AND COMMUNITIES - PROGRESS REPORT 2023-24

Introduction:

Sustainable Development Goal 11 (SDG 11) is focused on making cities and human settlements inclusive, safe, resilient, and sustainable. As the global population continues to grow and urbanize, ensuring that cities and communities are designed to be sustainable, equitable, and resilient is becoming increasingly important. More than 55% of the world's population currently lives in urban areas, a number that is expected to rise to around 68% by 2050. This rapid urbanization presents a set of challenges, including environmental degradation, overcrowding, inadequate infrastructure, pollution, and the rising cost of living. To address these challenges, SDG 11 emphasizes the need to make cities places where people can live well, with access to affordable housing, clean air, transportation, sustainable energy, and safe public spaces.

Research:

- ☞ Research Publications in Scopus Index: GITAM has a relative activity index of 1.14 in its Scopus indexed publications relating to SDG11 during the reference period of 2021-2023.

☞ Research Projects

Dr. Sudhakar Singha is working on a project titled “AI/ML-based Qualitative and quantitative assessment of groundwater in Raipur district, Chhattisgarh, Central India”, sponsored by Science and Engineering Research Board (SERB). The objective of the project is leveraging Artificial Intelligence (AI) and Machine Learning (ML) techniques for the qualitative and quantitative

assessment of groundwater towards sustainable development of groundwater resources.

<https://www.thehansindia.com/hans/education-careers/gitam-faculty-secures-serb-project-851949>

Education:

- ☞ GITAM offers Master Program in Sustainable Architecture in which there are courses like contributes for creating sustainable cities
 1. Urban Planning: Principles and Techniques,
 2. Sustainable Urban Design
- ☞ One of the Thrust areas of GITAM Research is creating Resilient Communities that aims to create thriving and sustainable communities by focusing on Smart Societies, Stress Management, Smart Infrastructure, Sustainable Design, Public Health, Disaster Management, Data Science, Economic Development, Governance, and Community Building.
- ☞ GITAM offers programs and courses which preserve the cultural heritage and upholds the traditional values. Department of Fine and Performing Arts offers various courses on performing arts and conducts projects to preserve the local culture and heritage.

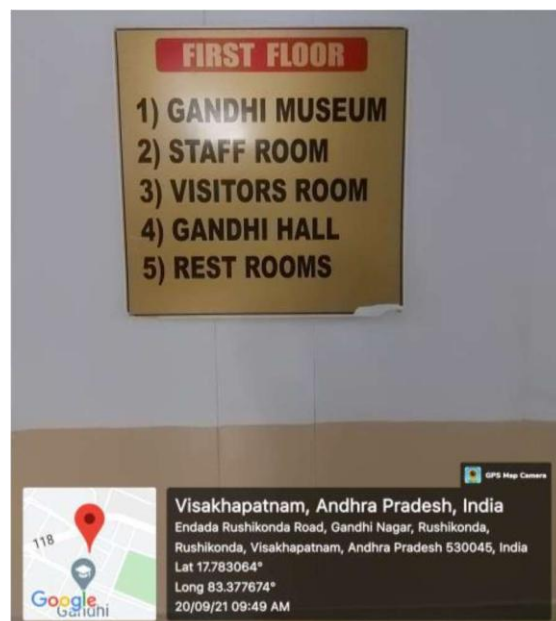
Key initiatives:

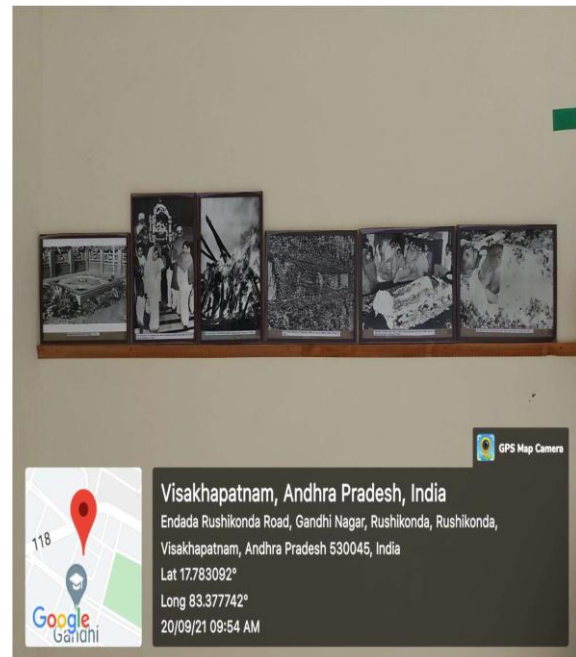
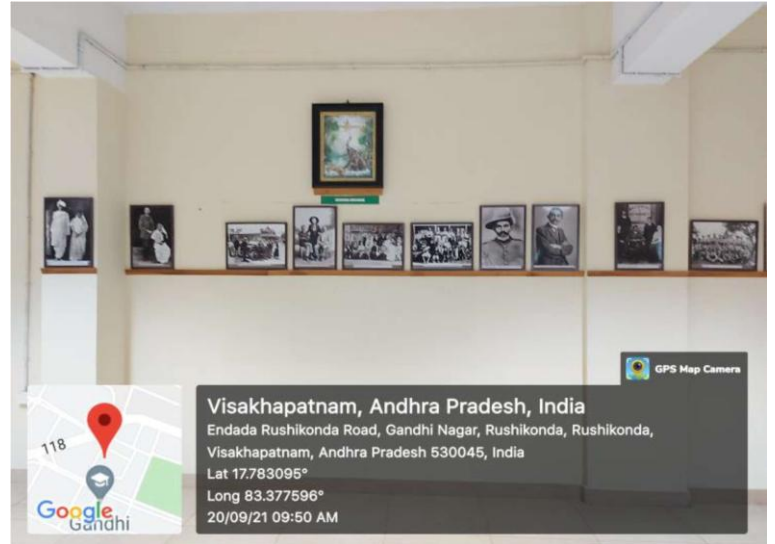
- GITAM Provides ‘Work from Home facility’ with prior approval of the competent authority
- GITAM has a dedicated Student Life Director, headed by senior leader and explore and provided opportunity for

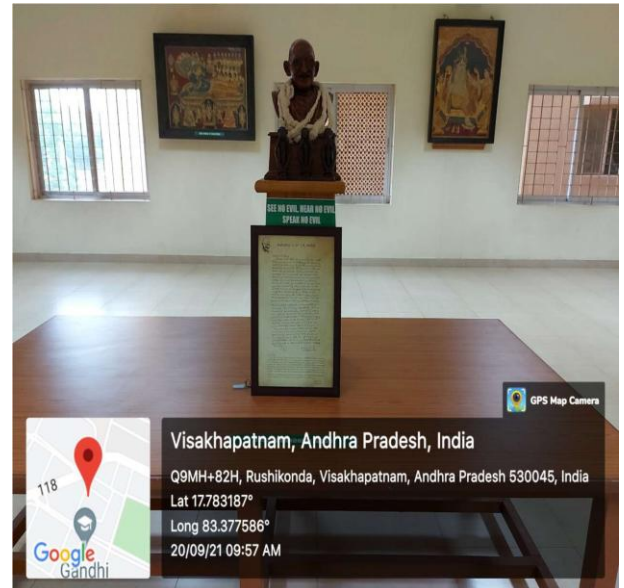
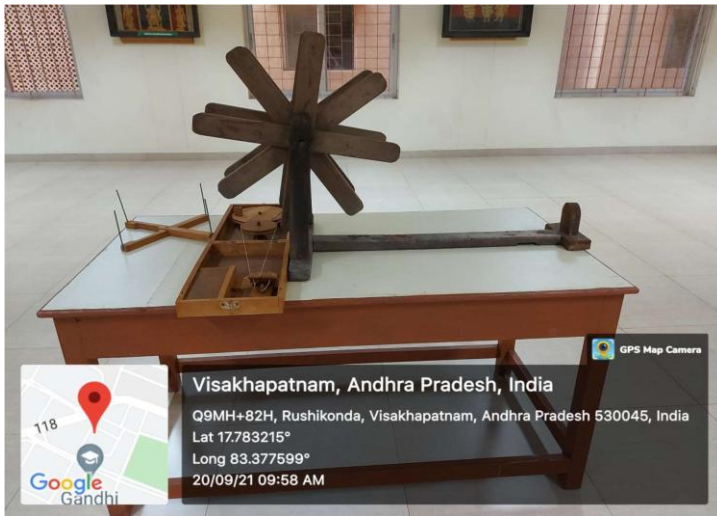
the students to excel in their passionate activity along with the academics.

GANDHI MUSEUM – GITAM

A museum dedicated to Mahatma Gandhi, the leader of the Indian independence movement against British colonial rule. This museum established to commemorate Gandhi's life, philosophy, and contributions to India and the world. Museum showcase artefacts, photographs, personal belongings, and exhibits related to Gandhi's life and the historical events surrounding India's struggle for independence.







School Children visit to GITAM School of Technology Labs in Bengaluru Campus

https://www.instagram.com/sirentechnologies/p/DQ4CtjukXQ7/?img_index=1

- Students of PM Shri Jawahar Navodaya Vidyalaya, Bangalore visited Robotics lab

Instagram

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sirentechnologies and gitamdeemeduniversity

sirentechnologies 7w
Students of PM Shri Jawahar Navodaya Vidyalaya, Bangalore visited our CoE in @gitamdeemeduniversity

+

No comments yet.
Start the conversation.

612 November 10

Log in to like or comment.

https://iqac.gitam.edu/sdg/SDG11/DOSLAnnualReport_2024.pdf



SAMYUKTHA 2.0

Samyuktha 2.0 was a grand celebration of global cultures, held on April 5th, 2025, it showcased the diversity on campus. Over 300 students participated in the vibrant event. It was a festival of art, culture, and international unity. Students from different countries and universities joined in. The event brought together a rich tapestry of traditions. Cultural performances filled the stage with energy and color. Traditional music and dance captivated the audience. Art exhibits reflected the creativity of global students. Food stalls served a taste of world cuisines. Attendees dressed in traditional attire added to the charm. Each student shared a part of their cultural heritage. The fest promoted inclusivity and global understanding. Workshops and stalls engaged students in cultural exchange. Samyuktha 2.0 truly celebrated unity in diversity.

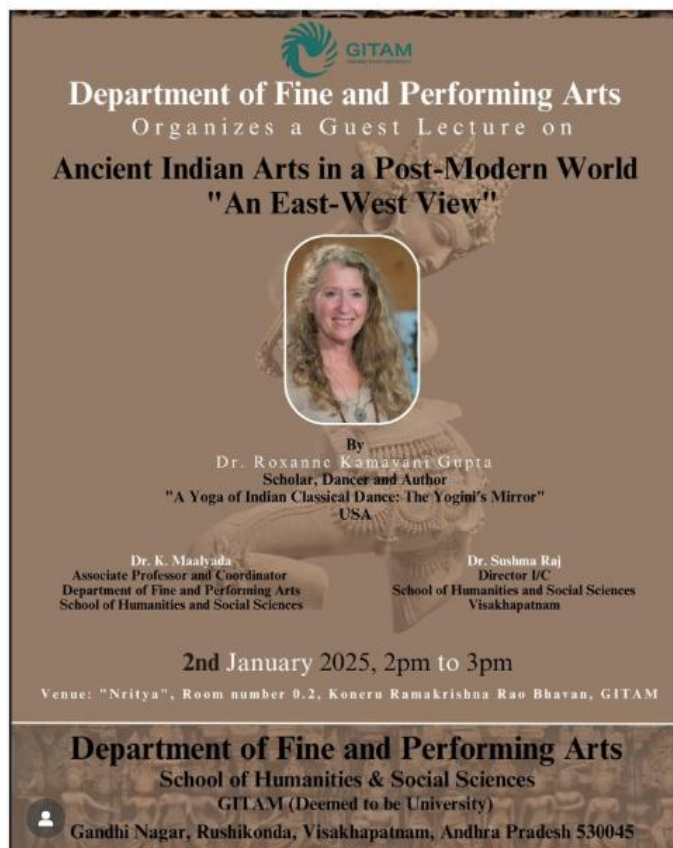


<https://www.instagram.com/p/DEE1LfFzvGP/?hl=en>

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gitamfineperformingarts 52w
Dept of Fine and Performing Arts, GSHSS, Visakhapatnam is organizing a Guest Lecture on "Ancient Indian Arts in a Post Modern World: An East-West view" by renowned Scholar, Yoga Practitioner, Dancer and Author of "The Yoga of Indian Classical Dance", Dr Roxanne Kamayani Gupta on 2nd January 2025 from 2 to 3 PM.



No comments yet.

Start the conversation.



17



December 27, 2024

Log in to like or comment.

<https://www.facebook.com/TERIIN/posts/teri-the-energy-and-resources-institute-organized-the-operation-support-team-ost/979222204239237/>

facebook

bhamidipati_pn@yahoo.co.

TERI - The Energy and Resources Institute's post



TERI - The Energy and Resources Institute

13 December 2024 · 🌐

TERI - The Energy and Resources Institute organized the Operation Support Team (OST) meeting under the Vizag Prajamukhi Urban Living Lab (V-PULL) initiative at [GITAM Deemed University](#), Visakhapatnam. This is part of Project T-CAP, bringing together key stakeholders to plan for flood-proofing neighborhoods in Vizag. 🌍

Key Outcomes:

- Formation of task forces with clear timelines and defined roles
- Commitments from stakeholders for technical assistance, resource allocation, and capacity building
- Strong focus on effective implementation and sustained engagement

🏆 A Letter of Association was presented to Prof Dr Vibhuti Sachdev, Dean of GITAM Deemed University, by [Greater Visakhapatnam Municipal Corporation - Smart City](#), cementing the partnership for a resilient future!

Together, we are driving impactful climate action for a stronger, flood-proof Visakhapatnam!

National Institute of Urban Affairs | United Nations University - EHS

#UrbanLivingLab #FloodResilience #ClimateAction #PartnershipsForSustainability
#ClimateResilience #FloodProofing





GITAM

A CATEGORY - I
DEEMED TO BE UNIVERSITY

Bengaluru Hyderabad Visakhapatnam



**NAAC A++
ACCREDITED**



**WORLD
UNIVERSITY
RANKINGS**



Committed to build new buildings to sustainable standards

DECLARATION FORM

We hereby declare that **CIF BUILDING** in premise be **5-168, YENDADA, Revenue Ward 6, Visakhapatnam, Andhra Pradesh**, belonging to **GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT** will comply with the **Energy Conservation Building Code** requirements as mentioned in the ECBC compliance report submitted by us to Third Party Assessor, **Dr. Sunil Nandipati**, bearing License No. **TPA-ECBC/APSECM/2024/46** for ECBC compliance check in reference to the **GO. MS.180 dated 01.10.2020 (Andhra Pradesh Rules, 2020)**. If any changes in specifications, it will be intimated to, Municipal Corporation permission will be sought from TPA for necessary ECBC compliance.

In addition, the team shall implement the mandatory and necessary requirements as follows;

1. Use of SRI painting/roof tile in the terrace of the building
2. Use of minimum BEE 3-Star rated ceiling fans, pumps, motors and air-conditioners
3. Procure LED light with efficacy 100lumen/watt and the internal lighting LPD are 30% lesser than base case of ECBC
4. Have a ventilation system controlled by CO sensors for basement carpark spaces with total car park space greater than or equal to 600 m².
5. All the air-conditioned spaces shall be provided with TFA (treated fresh air) supply.
6. The mandatory requirements under Electrical & Renewable Energy System of section 7.2 shall be followed

Signature
(Owner)

Signature
(Architect)



Signature
(MEP Consultant)

Signature
(ECBC Consultant)

SECRETARY
Gandhi Institute of Technology and Management
VISAKHAPATNAM-530 043

