



**GITAM**  
DEEMED TO BE UNIVERSITY

BENGALURU • HYDERABAD • VISAKHAPATNAM



**SDG # 17**

**Progress Report : 2022-23**

## ***GITAM University – SDG #17- Partnership for the goals -Progress report 2022-23***

### ***Introduction:***

Sustainable Development Goal 17 (SDG 17) is focused on the responsibility of every part of society, across the world. It mainly aimed at understanding the linkages, across the goals, but also between institutions, governments, companies, NGOs and people.

### ***Education:***

- ☞ Following the guidelines of University Grants Commission (UGC), GITAM offers a mandatory course on ‘Environmental Studies’, for all its Undergraduate students. The main objective of this course is to understand the impact of anthropogenic activity on the Earth. Students will have an understanding of sustainable development and awareness of various environmental issues.
- ☞ GITAM University has been offering Programs and electives leading to the responsible and productive citizens of the world.
- ☞ M.Arch (Sustainable Architecture), M.Sc (Environmental Science), M.Tech (Food Processing Technology) etc., are being offered to the graduates of GITAM.
- ☞ ‘Public Policy for Climate Change’ is offered as elective in Master program of Public Policy.
- ☞ Several relevant courses on SDGs have been integrated into the curriculum of the respective UG and PG programs.
- ☞ GITAM is committed and focused on spreading its educational activities around Sustainable Development Goals. Since 2016, GITAM is organising GITAM Model United Nations (GMUN) at Visakhapatnam and Hyderabad campuses. The GITAM MUN has five committees representing various committees of the United Nations like Disarmament and International Security Committee (DISEC), United Nations Office for Outer Space Affairs (UNOOSA), World Health

Organisation (WHO), United Nations Human Resources Council (UNHRC), and United Nations Educational, Scientific and Cultural Organisation (UNESCO). GMUN follows a democratic nature by conducting election to elect president and other representatives, delegates, under the mentorship of GITAM Student Life. This event brings together passionate delegates from diverse institutions to debate, collaborate, and tackle pressing global issues. It is evident to executive members, sponsors, local representatives the power of youth-led diplomacy and dialogue.

### **Partnerships:**

#### **➤ MOU with Skyroot Aerospace Pvt. Ltd.: #SDG 4 & #SDG 9**

GITAM Deemed to be University signed a memorandum of understanding with Skyroot Aerospace Pvt. Ltd on 14<sup>th</sup> February 2023. GITAM offers undergraduate program in Aero Space Engineering at Hyderabad Campus. This MOU aims at supporting the active engagement of the GITAM in space research & development activities through various research and development projects, like ISRO-Respond/DRDO/Tri services projects. It also aims at establishing incubation centre jointly to develop associated activities.

#### **➤ MOU with Cheongju University: #SDG 7 & #SDG 17**

In March, 2023 in continuation to the earlier project GITAM inks Student Exchange MoU with Korean University. The five-year MoU, will enable the two institutions to promote the exchange of knowledge, information, and materials that are of mutual interest in any discipline. Moreover, it will boost the exchange of academic and administrative staff, research staff, and student internships in both countries. This partnership will further strengthen the ongoing Indo-Korean project, wherein GITAM Hyderabad commissioned four on-campus small wind turbines. As a part of this, ESCO-RTS has made an agreement with Cheongju University, JIS, GITAM, and Archimedes Green Energy (P) Ltd. Earlier, 2022, GITAM pact on Indo-Korean wind turbine

project. GITAM has commissioned four small wind turbines as part of the Indo-Korean project supported by the Government of Korea. Under this project, Esco-RTS has signed an agreement with Cheongju University, JIS, GITAM and Archimedes Green Energys (P) Ltd. To monitor wind data and compare the performance of India and Korea models.

<https://eduadvice.in/educational-news-details/gitam-inks-student-exchange-mou-with-korean-university/4394>

<https://www.thehindu.com/news/national/telangana/gitam-pact-on-indo-korean-wind-turbine-project/article65661884.ece>

➤ **IISc, GITAM University, and L&T-Water Technology Centre (WET IC) Sign MoU to Advance India-relevant R&D: #SDG 6**

In April 2023 Indian Institute of Science (IISc), GITAM University, and Water Technology Centre – Water & Effluent Treatment (WET IC) Division of L&T have signed a Memorandum of Understanding (MoU) to advance research and development in areas relevant to India's needs.

Under the MoU, the three organisations will collaborate in areas such as water and wastewater transport & treatment, hydrology, AI and ML interventions in water and wastewater treatment, and environmental protection. The partnership will focus on developing innovative and sustainable solutions to address India's challenges in these critical areas.

<https://iisc.ac.in/events/iisc-gitam-university-and-lt-water-technology-centre-wet-ic-sign-mou-to-advance-india-relevant-rd/>

<https://newsviews.larsentoubro.com/Lists/Posts/Post.aspx?ID=748>

➤ **MOU with iTic of IIT Hyderabad: #SDG 9**

In June 2023 GITAM (Deemed to be) University's entrepreneurship & innovation cell, Venture Development Centre (VDC) has signed an MoU with iTIC Incubator at IIT Hyderabad to support 75 innovators. iTIC Incubator at IIT Hyderabad, in collaboration with Greenko Group has launched a new

program called Bold & Unique Idea Led Development (BUILD). The primary objective of BUILD is to support undergraduate students and recent graduates to give shape to their innovative ideas and eventually turn them into a startups.

<https://mediabrief.com/gitam-partners-with-itic-incubator-at-iit-hyderabad/>

➤ **MOU with University of Agricultural Sciences, Bangaluru : #SDG 1 & #SDG 15**

In June 2023 GITAM, Deemed to be a University and the University of Agricultural Sciences (UAS), Bengaluru entered into an MOU to collaborate in areas including, but not restricted to, the history and philosophy of biology, interrelationship between biology and the social sciences, biology society interactions, animal studies and human-nonhuman relationships, environmental sciences and others. Specifically this MOU is aimed at jointly explore the use of Information Technology (IT) in the Sericulture sector to assist the farmer in

(i) Mulberry field: for crop management

(ii) Silkworm rearing house: to monitor the conducive atmosphere for cocoon rearing

[https://www.linkedin.com/posts/gitam-deemed-university\\_collaboration-academiccooperation-researchcollaboration-activity-7079353577760063488-4hM5/](https://www.linkedin.com/posts/gitam-deemed-university_collaboration-academiccooperation-researchcollaboration-activity-7079353577760063488-4hM5/)

➤ **MOU with PeelOn Inc for reducing Food Waste: #SDG 2 & #SDG 9**

In June 2023 GITAM Technology Enabling Center entered into an MOU with the Peelon Inc., <https://peelon.co/> located in Visakhapatnam which is working to create cutting-edge, eco-friendly alternatives to traditional plastic wraps, specifically designed for the agriculture and fresh produce industry. The aim of this MOU is to enable eco-system for developing and commercializing biodegradable packaging technology. And also providing IPR services and commercialisation of the developed technologies and solutions.

[https://www.linkedin.com/posts/gitamtec\\_technology-environment-research-activity-7072536508892614657-hxl6/](https://www.linkedin.com/posts/gitamtec_technology-environment-research-activity-7072536508892614657-hxl6/)

➤ **MOU with NGO 'MARPU' for SDGs: all SDGs**

In July 2023 GITAM entered into an MOU with MARPU SOCIETY is an established NGO aimed at promoting sustainable development, environmental conservation/biodiversity and rural employment. They support and lead several rural development programs with farmer producers organizations/partnering NGOs addressing sustainable agriculture, women empowerment, non-farm economy initiatives. The collaboration is aimed at

- (a) Developing Emerging Agri tech and Food tech Innovations
- (b) Facilitating Knowledge-Transfer and Skill Building for Faculty and Students
- (c) Initiating Student Exchange and Capacity Building Initiatives
- (d) Working in Unison with Local Communities.

➤ **MOU with M/s Botanic Health Care pvt. Ltd.: #SDG 3**

In September 2023 GITAM entered into an MOU with the Botanical Health Care limited for jointly developing sustainable natural products for health care. The GITAM School of Pharmacy is actively doing research in developing natural products and publishes its findings. The intellectual property created and developed during this collaboration shall be jointly owned by both the parties unless or otherwise agreed in writing.

<https://www.thehansindia.com/news/cities/visakhapatnam/visakhapatnam-gitam-inks-pact-with-botanic-healthcare-826420>

➤ **MOU with Ashtaksha Labs : # SDG 12**

In October 2023, GITAM (deemed a university) and cybersecurity firm Ashtaksha Labs have signed a Memorandum of Understanding (MoU) as part of a strategic alliance aimed at accelerating advancements in cybersecurity research, education, and innovation. The collaboration will focus on collaborative research initiatives, faculty development programmes, student internships, and the development of cutting-edge cybersecurity solutions. It

seeks to bridge the academic-industrial divide by giving students real-world experience and equipping them with the skills needed to combat modern cyber threats.

<https://www.smartgovernance.in/gitam-ashtaksha-labs-ink-mou-to-advance-cyber-security-research-and-education/>

- **MOU with Coventry University : #SDG 3 & #SDG4 & #SDG 11 & #SDG 15 & #SDG 6 & #SDG 17**

In December 2023, GITAM entered into a partnership agreement with Coventry University. This global education group already has a network of five Global Hubs in Africa, Dubai, China, Brussels and Singapore, helping to develop collaborations with universities, governments and businesses around the world. There are five research themes set for Partnership. The agreement will mean that the two institutions will discuss and develop areas of potential collaboration including agroecology, water and sustainability, future transport, autonomous systems and engineering, healthcare and life sciences, business and arts, and virtual and mixed realities.

<https://www.coventry.ac.uk/news/2023/coventry-university-signs-agreement-with-gandhi-institute-of-technology-and-management/>

- **MOU with National Institute of Oceanography: #SDG 14**

GITAM Deemed to be University signed a memorandum of understanding with National Institute of Oceanography on 18<sup>th</sup> December 2023. The MOU aimed at promoting collaborative research, facilitating exchange of ideas, and enhancing research acumen. GITAM faculty are actively working on marine and aquaculture related activities and with this collaboration faculty will take advantage to strengthen the knowledge base in oceanography subjects.

Read more at:

[http://timesofindia.indiatimes.com/articleshow/106329608.cms?utm\\_source=contentofinterest&utm\\_medium=text&utm\\_campaign=cppst](http://timesofindia.indiatimes.com/articleshow/106329608.cms?utm_source=contentofinterest&utm_medium=text&utm_campaign=cppst)

➤ **MoU with IE University's School of Politics: #SDG 16**

Kautilya School of Public Policy, GITAM Deemed to be University has signed an MoU with IE University's School of Politics, Global Affairs and Economics (SPEGA) for student exchange, research collaboration, faculty exchange amongst other areas of collaboration. The student exchange will be in effect from the academic year 2024-25.

The student exchange would mean students from Kautilya would study various courses at SPEGA. There will be a merit based competitive process for the selection of interested students. The credit equivalence has been established.

<https://kspp.edu.in/ie-universitys-school-of-politics>

➤ **MoU with United Nations Human Rights Council (UNHRC): #SDG8 & #SDG10**

Kautilya School of Public Policy, GITAM Deemed to be University signed an MoU with #UNHCR to build impactful connections and advance our efforts in addressing global displacement challenges. Looking to make this collaboration a step towards developing innovative solutions together.

<https://kspp.edu.in/unhrc>

**Initiative:**

➤ **Collaboration with Central Government: # SDG 3**

GITAM Hospital established Tobacco Cessation Centre (TCC) in collaboration with National Medical Council as a part of National Tobacco Control Programme. TCC functions at the department of Psychiatry at GIMSR Hospital with an aim to tackle the rising concerns of tobacco abuse, especially among youth. The Centre was virtually inaugurated by Shri Jagat Prakash Nadda, Hon'ble Union Minister of Health and Family welfare, Government of India.



The new centre will focus on awareness, prevention and rehabilitation, addressing the critical health risks posed by tobacco use. Through a comprehensive approach, GIMSR TCC aims to educate and support individuals on their journey toward a tobacco-free life, ensuring better public health outcomes for all.

**Engagement:**

➤ **Conclave on Reshaping the Engineering Education: # SDG 4**

In September 2023, GITAM (Deemed to be University) Bengaluru campus organised, an Industry Advisory Board Conclave with ISRO, DRDO Scientists and others for engineering education restructuring. The conclave is aimed to provide input in identifying the problems and challenges of the engineering education and to provide suggestions for making the engineering education more relevant to the current day aspects. The conclave focused on quality education that meet the industry requirements and introducing specialisations in the areas of electric vehicle technologies, Industrial Biotechnology, and other verticals. The conclave aimed at reshaping engineering education aligned to industry needs.

<https://www.campusvarta.com/article/isro-drdo-scientists-tech-industry-titans-gather-at-gitam-bengaluru-for-mega-conclave-on-engineering-education-restructure>

➤ **Cross sectional Dialogue on Climatic Action : # SDG 13**

September 23, 2023, GITAM University Bengaluru campus, in collaboration with an NGO Catalysis Society of India Bengaluru Chapter, engaged in research organised an international conference. It drew the global audience and tackled critical issues like surging energy demands, resource scarcity, and climate change by spotlighting the principles of green chemistry and sustainable progress.

Through collaborative efforts and insightful discussions, experts from around the world showcased how advancements in these disciplines can lead to the

development of cleaner energy sources, eco-friendly materials, and effective environmental remediation strategies.

The search for alternative and sustainable energy sources has become imperative in response to the ever-growing global energy demands, the depletion of natural resources, and the critical consequences of global warming. Therefore, innovative strategies for developing new, greener, cost-effective, and scalable technologies are essential.

<https://theeducationtimes.in/gitam-bengaluru-concludes-global-conference-on-green-chemistry-and-sustainable-tech/>

➤ **SDG Best Practices : #SDG 5**

In October 2023, Mr Hilux Fokou Ngoumo, a final year BCA student from GITAM School of Science, Bengaluru Campus, was selected as one of the 20 Global Youth Fellows for Gender Equality (GYF) out of nearly 500 applicants worldwide. In March 2024, Hilux took part in the Commission on the Status of Women (CSW68), where he highlighted the vital connection between gender equity and technology, drawing upon his expertise in the tech field to champion the empowerment of women and girls. This recognition not only validates his commitment to gender equality but also provides a platform to amplify his voice on a global stage. Hilux's journey exemplifies GITAM's commitment to empowering students to make meaningful societal contributions. His advocacy underscores the transformative potential of initiatives like CSW68 and reflects the spirit of empowerment nurtured within our institution.

[https://www.instagram.com/p/C5xnATprz5N/?hl=en&img\\_index=1](https://www.instagram.com/p/C5xnATprz5N/?hl=en&img_index=1)