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GD Goenka University - Sustainability Initiatives and Achievements

1. Introduction

International collaboration is a desirable aspect of sustainable development research to achieve the SDGs. The increasing differences, particularly those evident between rich and developing countries, can greatly affect the implementation of SGDs. In order to achieve the SDGs, it is essential to recognise the significance of stronger cooperation between global organisations for the implementation of SDGs, especially in developing nations. In an effort to support progress towards the SDGs, GD Goenka University has signed memorandums of understanding (MOUs) with several institutions across the world. GD Goenka University has also published several internationally collaborative papers with some of the leading institutions in attaining Sustainable Development Goals. The collaborations in most cases have benefited both the partners with the research getting published in higher impact journals and receiving more citations. GD Goenka University has also established several centres of excellence and research centers in areas relevant to the SDGs. The purpose of setting up the research centers is to promote interdisciplinary collaborative research within the university as well as with researchers from other institutions in India and abroad.

2. GD Goenka University Initiatives

Some of the collaborations with international institutions in research and development are as below: **Evidence**: **bibliographic databases**

Sr.	Name of Authors	Reference of Publication	Collaborating	SDG Covered
No.			country	
1	Parijat Pandey, Hitesh Chopra,	Multifunctional patented	India,	SDG 3- Good Health
	Deepak Kaushik, Ravinder	nanotherapeutics for		and Well-Being
	Verma,	cancer	Southeast	
	Deepika Purohit, Jatin	intervention: 2010-	University, Banani,	SDG 9 -Industry,
	Parashar,	onwards, Recent Patents	Dhaka,	Innovation and
	Vineet Mittal, Md. Habibur	on	Bangladesh.,	Infrastructure
	Rahman,	Anti-cancer Drug		
	Saurabh Bhatia, Pradeep	Discovery, Recent Patents	University of the	SDG 17- Partnerships
	Kumar &	on Anti-	Witwatersrand,	for the Goals
	Ahmed Al-Harrasi	Cancer Drug Discovery,	Johannesburg,	
		2023, 23: 38-52.	South Africa.	SDG 4 - Quality
				Education

SDG 3- Good Health

SDG 6- Clean Water

and Well-Being

and Sanitation







































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			University of Nizwa, Nizwa, Sultanate of Oman	
2	Deepika Purohit, Pawan Jalwal, Deeksha Manchanda, Sapna Saini, Ravinder Verma, Deepak Kaushik, Vineet Mittal, Manish Kumar, Tanima Bhattacharya, Md. Habibur Rahman, Rohit Dutt, Parijat Pandey	Nanocapsules: An emerging drug delivery system, Recent Patents on Nanotechnology, 2023, 17: 190- 207.	India. Southeast University, Banani, Dhaka,	SDG 3- Good Health and Well-Being SDG 9 -Industry, Innovation and Infrastructure SDG 17- Partnerships for the Goals
3	M.A. Morsy, S. Gupta, C.P. Dora, V. Jhawat, M. Dhanawat, et al.	Venoms classification and therapeutic uses: a narrative review, European Review for Medical and Pharmacological Sciences, 2023, 27: 1633-1653	India. King Faisal University, Al-Ahsa, Saudi Arabia. Minia University, El-Minia, Egypt	SDG 3- Good Health and Well-Being SDG 9 -Industry, Innovation and Infrastructure SDG 17- Partnerships for the Goals
4	Neha Chandel, Kinnri Jain, Ankit Jain, Tirath Raj, Anil Kumar Patel, Yung-Hun Yang, Shashi Kant Bhatia	The versatile world of cellulose-based materials in healthcare: From production to applications, Industrial Crops and Products, 23,201: 116929	India. National Kaohsiung University of Science and Technology, Taiwan. National Kaohsiung University of Science and Technology, South Korea	SDG 9 -Industry, Innovation SDG 12- Responsible consumption and Production SDG 17- Partnerships for the Goals
5	Shaveta Ahalwat,* Dinesh Chandra Bhatt*, Surbhi Rohilla, Vikas Jogpal, Kirti Sharma, Tarun Virmani, Girish Kumar, Abdulsalam Alhalmi, Ali S. Alqahtani, Omar M. Noman and Marwan Almoiliqy	Mannose-Functionalized Isoniazid-Loaded Nanostructured Lipid Carriers for Pulmonary Delivery: In Vitro Prospects and In Vivo Therapeutic Efficacy Assessment, Pharmaceuticals, 2023,	India. University of Aden, Yemen. King Saud University (KSU), Saudi Arabia	SDG 9 -Industry, Innovation SDG 17- Partnerships for the Goals. SDG 4- Quality Education

16: 1108

An epidemiological study

survillance outbreak in dimapur Northeast India,

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India









































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/	UNIVERSIT	1		Session 2025-26
				SDG 11 -Sustainable Cities and Communities SDG 17- Partnerships
				for the Goals.
7	Kamran Ali, Gupta, S., Hussain, M.E., Masad, Mohd. Dilshad,	Effect of plyometric versus complex training on core strength,	India. King Saud	SDG 3- Good Health and Well-Being
	Masood Khan, Ahmad H Alghadir	lower limb, and upper limb power in male cricketers: a randomized controlled trial, BMC Sports Sci Med Rehabil,	University (KSU), Saudi Arabia	SDG 4- Quality Education SDG 9 -Industry, Innovation
		2023, 1-8		SDG 17- Partnerships for the Goals.
8	Dhir S, Dutt R, Singh RP, Chauhan M, Virmani T, Kumar G, Alhalmi A, Aleissa	Amomum subulatum fruit extract mediated green synthesis of	India. Imam Mohammad	SDG 9 -Industry, Innovation
	MS, Rudayni HA, Al-Zahrani M.	silver and copper oxide nanoparticles: synthesis, characterization, antibacterial and	Ibn Saud Islamic University (IMSIU), Riyadh, Saudi Arabia	SDG 12- Responsible consumption and Production
		anticancer activities, Processes, 2023, 11 (9): 2698		SDG 17- Partnerships for the Goals
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	Masood Khan,	lower limb, and upper	University (KSU),	SDG 4- Quality
	Ahmad H Alghadir	limb power in male	Saudi Arabia	Education
		cricketers:		
		a randomized controlled		SDG 9 -Industry,
		trial, BMC Sports Sci Med		Innovation
		Rehabil,		
		2023, 1-8		SDG 17- Partnerships
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8	Dhir S, Dutt R, Singh RP,	Amomum subulatum fruit	India.	SDG 9 -Industry,
	Chauhan M, Virmani	extract mediated green		Innovation
	T, Kumar G, Alhalmi A, Aleissa	synthesis of	Imam Mohammad	
	MS,	silver and copper oxide	Ibn Saud Islamic	SDG 12- Responsible
	Rudayni HA, Al-Zahrani M.	nanoparticles: synthesis,	University (IMSIU),	consumption and
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		nanoparticles: synthesis,	University (IMSIU),	Innovation
		characterization,	Riyadh, Saudi	
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10	Neha Chandel, Bharat	Indigo production goes	India, Konkuk	SDG 9 -Industry,
	Bhushan Singh, Chetna Dureja,	green: a review on	University, South	Innovation
	Yung-Hun Yang, Shashi Kant	opportunities and	Korea	
	Bhatia	challenges of		SDG 12- Responsible
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		World Journal of		Production
		Microbiology		
		and Biotechnology, 2024,		SDG 13 -Climate
		40: 60		Action
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11	Preeti Garg, Navidha	Assessment of	India,	SDG 3- Good Health
	A Manadana Cana	antidepressant activity of		and Well-Being
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12	Manish Kumar, Bhavishya Sharma, Patitpaban Mohanty, Pratiksha Arya, Noureddin Nakhostin Ansari, Kamran Ali	Effects of Gluteal Muscles Isometrics on Abdominals, Back Extensors and Quadriceps Strength, Journal of Iranian Medical Council, 2024, 7(3):	India Research Center for War affected People, Tehran University of Medical Sciences, Tehran, Iran	SDG 3- Good Health and Well-Being SDG 9 -Industry, Innovation and Infrastructure SDG 17- Partnerships for the Goals
13	Maria Markoulli, Timothy R Fricke, Anitha Arvind, Kevin D Frick et al	BCLA CLEAR Presbyopia: Epidemiology and Impact, Contact Lens and Anterior Eye, 2024,	India. The University of New South Wales (UNSW Sydney) Australia.The University of Melbourne & National Vision Research Institute, Australia .Johns Hopkins University, USA, Deakin University, Australia.	SDG 3- Good Health and Well-Being SDG 4- Quality Education SDG 10 -Reduced Inequality SDG 17- Partnerships for the Goals.
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Deepa, Ameen, F., Islam M.A.

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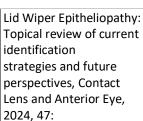
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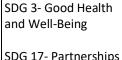
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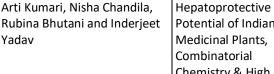
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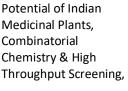


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24	Priyadarshani Rajput Pradeep	Nanomaterials and	India	SDG 3- Good Health
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ACCUMANTS.

















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Bibliographic Databases

ChEMBL

Open Access database of chemistry resources at European Bioinformatics Institute (EMBL-EBI)

ChemSpider

ChemSpider is a free chemical structure database providing full- text and access to over 58 million structures from hundreds of data sources owned by the Royal Society of Chemistry.

ChemSynthesis

ChemSynthesis is a freely accessible database of chemicals. There are currently more than 40,000 compounds and more than 45,000 synthesis references in the database.

Civil Engineering Database (CEDB)

A free bibliographic database offering over 200,000 records of all publications by American Society of Civil Engineers.

Collection of Computer Science Bibliographies

This is a collection of bibliographies of scientific literature in computer science from various sources, covering most aspects of computer science.

DBLP Computer Science Bibliography

DBLP Provides bibliographic information on Computer Science. Indexes more than 1 million articles and also it contains 10,000 links to home pages of Computer Scientists

Education Resources Information Center (ERIC)















































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IndMED

IndMED - bibliographic database covering prominent peer reviewed 100 Indian medical journals bibliography.

PubMed

It is a database primarily of references and abstracts on life sciences and biomedical topics.

Indian Science Abstracts

Indian Science Abstracts (ISA) is a bibliographical database published by NISCAIR.

ACI Bibliographic Database

The Annual Comprehensive Index (ACI) Bibliographic Database contains approximately 38,818 journal bibliographic entries covering the years 1976 – 2001. The records for ACI were contributed by IFORS, publisher of International Abstracts in Operations Research (IAOR).

Emerald Insight Database

Emerald Insight includes journals and books relevant to a range of subject areas, including accounting and finance, management, marketing, education, information studies and engineering.

National Law School Article Index

NESIR has regularly featured articles authored by judges of the Indian Supreme Court, senior coursels practicing at the Indian bar, and several renowned academics from national and foreign universities.

Institute of Physics Journals search

American Institute of Physics journals indexed in Scirus' science-specific searchengine. ... AIP is a leading publisher of physics research literature and serves to promote the advancement of physics knowledge world-wide.

NASA Technical Reports Server (NTRS)

The NASA Technical Reports server (NTRS) is NASA's Agency-wide primary release avenue to the public for its research and development (RandD) final technical reports and other scientific and technical information...... NASA Collection: Citations and documents created or sponsored by NASA

ASCE's Civil Engineering Database (CEDB)

ACM Computing Reviews

EBSCO MLA International Bibliography

Indian Science Abstracts

ISID Database-Institute for Studies in Industrial Development (ICSSR)

J-Gate Custom Content for Consortium (JCCC)

MathSciNet (Mathematical Reviews)

SciFinder

Scopus

Web of Science





Collaboration for SDG Best Practice

During 2023–2024, GD Goenka University produced approximately 30 international collaborative publications, covering 10 different SDGs. This demonstrates the university's strong interdisciplinary engagement and commitment to global SDG-driven research.

SDG-wise Publication Distribution

- SDG 3: 21 publications
- SDG 4: 3 publications •
- SDG 6: 2 publications
- SDG 8: 2 publications
- SDG 9: 24 publications
- SDG 10: 1 publication
- SDG 11: 2 publications
- SDG 12: 18 publications
- SDG 13: 1 publication
- SDG 17: 25 publications

These numbers reflect that GDGU is highly active in producing SDG-relevant global research, especially in SDGs 3, 9, 12, and 17.

Additionally, more than 40 global institutions were part of collaboration activities, demonstrating strong international engagement and partnership diversity.

6. Impact and Way Forward

GD Goenka University's contributions under SDG 17.2.4 highlight its commitment to promoting inclusive, equitable, and globally connected research ecosystems. By actively collaborating with international academic and research institutions, the university supports sustainable development through knowledge creation, capacity-building, and joint innovation. These partnerships empower researchers, students, and global communities to address pressing societal challenges with informed and effective solutions.

Way Forward

GDGU aims to:

- Expand international collaborations to promote broader global engagement and inclusive growth.
- Strengthen research and development partnerships for greater global outreach and SDG-focused impact.
- Build long-term, sustainable linkages with international universities and institutions to enhance knowledge exchange and joint problem-solving.

Through these continued efforts, GD Goenka University reaffirms its role as a globally engaged institution contributing to the worldwide SDG Best Practice landscape.

