

# **SUSTAINABILITY DEVELOPMENT REPORT 2022-23**

## **SDG17: Partnerships for the Goals**

## ***Executive Summary***

IEM Kolkata advanced SDG 17 through transformative partnerships, executing 3,214 collaborative activities across 18 national and international MoUs with industry leaders like TCS, CII, and PwC. Key achievements include 45+ international conferences, 172+ student startups, and 95+ patents, 35 extension programs engaging 5,489 students, and Rs. 38 crore in research grants. Capacity building featured 1,590 value-added courses with 9,383 enrollments, fostering innovation, outreach, and resource mobilization for sustainable development.

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# ***Vision, Mission, and Strategic Objectives***

## **Institutional Vision**

To be an integrated hub for transformative partnerships advancing research, education, and SDG outcomes.

## **Institutional Mission**

Build robust linkages that empower innovation, knowledge exchange, resource mobilization, and positive social impact.

## **Strategic Objectives for 2022-23**

- Broaden MoUs and strategic collaborations with universities, research organizations, industry, and NGOs.
- Enhance faculty and student exchanges, joint research, and training programs.
- Increase capacity-building and skill development initiatives for SDG-aligned projects.
- Mobilize funding and enable technology transfer supporting SDG priorities.
- Foster inclusive partnerships serving local and global communities.

# ***Institutional Partnership Ecosystem***

## **Industry-Academia Collaboration**

- Student-centric industrial projects initiated under joint mentorship.
- Regular industry lectures, skill development/foreign certification courses through MoUs (Coursera, LinkedIn, EDX, Eduskills).
- Students placed for internships, joint project work, and skill training.
- Tech fests, hackathons, and coding competitions supported by industry partners foster hands-on learning.

## **International Linkages & Research**

- Collaborative international conferences in partnership with leading global universities and professional societies.
- Multidisciplinary projects and joint publications with foreign collaborators.
- Encouragement for students and faculty to present at international events, supported by financial grants and fee reimbursements.

### **Community and NGO Partnerships**

- Extension activities in collaboration with NGOs (Kolkata Nivedita Shakti, VIBHA) and clubs addressed local challenges in education, health, and environment.
- Clubs (Inner Wheel, Rotary, Lions) ran campaigns, outreach programs, and donation drives involving hundreds of students and beneficiaries.

### **Outreach & Social Impact**

- 35 extension and outreach programs via NSS, NCC, community, and government initiatives.
- 5,489 students participated in extension and outreach, making measurable contributions to SDG 17 targets.

## ***Capacity Building, Training & Dissemination***

- 1,590 value-added courses and 619 entrepreneurship/employability-centric courses offered.
- 9,383 student enrollments in skills-transfer programs, including foreign languages.
- Continuous dissemination of best practices, audit results, and annual reports to partners and stakeholders.

## ***Data and Metrics***

<b>Performance Indicator</b>	<b>Achievement</b>
Collaborative Activities	3,214 joint activities
Functional MoUs	18 MoUs (national/international)
Industry Partners	TCS Innovation Lab, CII, PwC, etc.
International Conferences Hosted	45+ events
Student Startups Launched	200+ ventures
Patents Filed	95+ patents
Extension Programs Conducted	35 programs
Extension Program Participants	5,489 students
Community Beneficiaries	Hundreds through clubs
Faculty Development Programs	53 organized
Research Grants Secured	Rs. 38 crore (external)

Entrepreneurship Workshops	60 events
Student Skill Enrollment	9,383 in value-added courses
Employability-focused Courses	619 offered
Innovation Centers/IEDC	Multiple labs/incubators
International Linkages	Multiple joint projects/exchanges
Resource Mobilization for SDG	Active fundraising/grant receipt
Annual Report Dissemination	Shared with all partners

By executing over 3,200 collaborative activities, partnering with 18 major institutions and industry leaders, launching hundreds of startups, and embedding SDG-aligned training and outreach throughout its programs, IEM Kolkata's partnership ecosystem made strong contributions to SDG 17. The community engagement footprint (35 extension programs, 5,489 student participants), international exposure (45+ conferences), and innovation (200+ startups, 95+ patents) showcase real progress in mobilizing knowledge, technology, and social capital for sustainable goals.

## ***Challenges, Institutional Responses, and Mitigation Strategies***

- Limited external funding for new sustainability projects is addressed through enhanced grant-writing capacity, international collaborations, and the pursuit of diversified funding streams to ensure long-term financial stability.
- Rapidly changing industry needs are met by maintaining flexible curricula, developing adaptive training programs, and creating dynamic partnerships that align academic initiatives with current market and sustainability trends.
- Barriers to inclusivity within partnerships are mitigated by actively extending collaborative initiatives to rural and underserved communities, fostering equitable access to opportunities and shared benefits.

- Gaps in partnership effectiveness and accountability are minimized through structured monitoring frameworks, data-driven evaluation tools, and transparent reporting mechanisms to measure social, environmental, and economic impact.
- To strengthen the institution's global contribution to SDG 17, integrated platforms for stakeholder dialogue, capacity-building workshops, and digital collaboration networks are promoted, enhancing cross-sector engagement and knowledge exchange.

### ***Future Roadmap and Strategic Plan (2023-24 and Beyond)***

- **Expand International Collaboration:** Seek new foreign university MoUs, joint degree programs, and exchange fellowships.
- **Deepen Innovation and Incubation:** Launch new innovation hubs focused on sustainability, energy, climate technology, and social entrepreneurship.
- **Increase Community Engagement:** Broaden extension programs to serve more beneficiaries and address emerging societal needs.
- **Enhance Resource Mobilization:** Pursue additional government/industry grants, alumni and donor support, and technology transfer opportunities.
- **Promote Open Knowledge Exchange:** Build digital platforms for sharing SDG-related resources and outcomes among stakeholders.
- **Capacity Development:** Grow faculty and student training to cover cutting-edge interdisciplinary skills and global best practices.

### ***Conclusion***

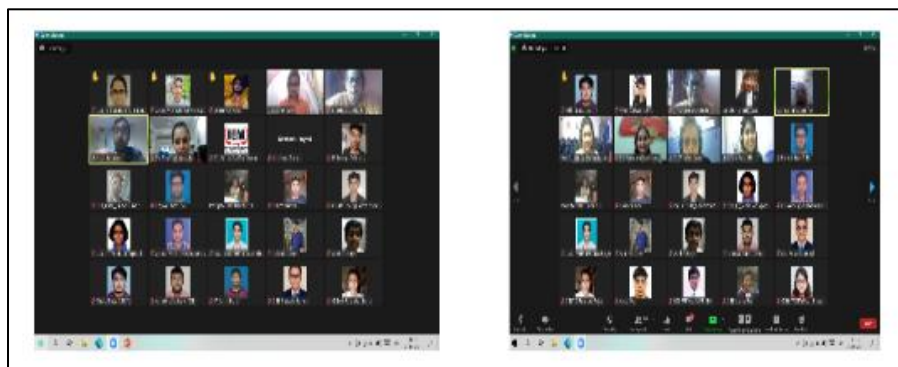
IEM Kolkata's 2022-23 SDG 17 efforts established a robust partnership ecosystem, driving innovation via industry-academia collaborations, international research linkages, and community outreach with NGOs like Kolkata Nivedita Shakti and VIBHA. Over 3,200 joint activities, 5,489 student participants in extensions, 9,383 skill enrollments, and significant grants demonstrate effective knowledge exchange and social impact. Challenges like funding gaps and inclusivity barriers were addressed through grant-writing enhancements, flexible curricula, and monitoring frameworks. The future roadmap emphasizes expanded MoUs, innovation hubs for sustainability, broader community engagement, and digital platforms for stakeholder collaboration, ensuring sustained SDG contributions.



## *Photo Gallery*



*Dr. Binu James Mathew, College of Banking and Finance, Oman gave his engaging Talk on the “Maladies of Online Teaching Learning Process and Strategies to Shift to a Flipped Classroom Model”*



*An interactive and motivational session conducted by IEM Alumnus Mr. Alomoy Banerjee during the Student Induction Program*



*Workshop on cloud computing*



A promotional poster for ENGAGE 3.0. The background is a dark purple space with a cityscape of colorful, glowing buildings. At the top center, the letters 'EN' are displayed in a large, 3D, blue and yellow font. In the top left corner is the logo for 'THE NORTHCAP UNIVERSITY', which consists of a white semi-circle above the text. In the top right corner is a logo featuring a green 'M' inside a white triangle. The central text 'ENGAGE 3.0' is written in a large, white, bold, sans-serif font, enclosed within a blue and purple rectangular frame with arrow-like shapes on the sides. Below this, the dates '1-2 NOVEMBER 2023' are written in a smaller, white, bold font. Further down, the text 'WIN EXCITING CASH PRIZES UPTO ₹15,000' is displayed in a white, bold font. Below the prize text is a globe icon followed by the website 'engage.ncuindia.edu'. At the bottom left, contact information is provided: 'CONTACT: Manya Jain : 9818029660 Shivam Kalra : 9667742733'. To the right of the contact information is a row of various icons, including a bee, a cake, a square, a circle with a triangle, a hexagon, a cloud, a swirl, a horse, a person, and a speech bubble containing '.xyz'.

*Google DSC IEM collaborated with The NorthCap University to bring ENGAGE 3.0*

3.7.2 Details of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. during the year (only functional MoUs with ongoing activities to be considered)					
Sl. No.	Name of the institution/ industry/ corporate house	Month and Year of signing MoU	Duration	List of activities under each MOU	Number of students/teachers who benefitted from MoUs
1	Oracle Academy	February, 2023	2 years	Cloud platform distribution	250
2	Sorting Hat Technologies Private Limited	August, 2022	1 year	Handson coding practice for students	150
3	EduSkills	2022	3 Years	Skill Development, IT Education and Workforce Development Programs	120
4	Saint Louis University	2022	5 Years	Academic and Research Collaboration	200
5	AIP Publishing LLC	2022	1 Year	Publishing Collaboration	110
6	CYPE	2020	5 Year	Skill development centre	80
7	Prem Jain Memorial	2022	5 year	Skill development centre	50
8	University of Huddersfield, UK,	2020	5 Year	On scientific and technological cooperation	30
9	D2O learning Pvt Ltd	2022	2 year	Skill development centre	33
10	Coursera	2021	3year	Skill Development	1234
11	Search Within	2021	2 Years	Curriculum design for the short term course	20
12	Dirac Business Solutions Pvt. Ltd.	2020	5 Years	Upskilling students & faculty members through regular MOOCS Courses	15
13	Cibertix Technologies LLP	2022	Life -time	Skill Development	23
14	ISTEAM Research Pvt Ltd.	2021	Life -time	Skill Development	26
16	Jadavpur University	2022	Life-time	Skill Development	150
18	Springer	2023	1 Year	IEMRE Conference	150
19	AIP Publishing LLC	2022	1 Year	IEMPOWER Conference	33
17	SMS Group	2023	Life -time	Skill Development	75
18	Scholar Lab Foudation	45017	2 Years	Skill Development	50

*Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year*