



BRAINWARE UNIVERSITY

**Annual SDG-1 Report
2023-24**

SDG 1: No Poverty

End poverty in all its forms everywhere

SDG 1: No Poverty - *End poverty in all its forms everywhere*

Understanding SDG 1

The first Sustainable Development Goal—No Poverty—stands at the foundation of the 2030 Agenda for Sustainable Development adopted by the United Nations. It aims to eradicate poverty in all its dimensions by guaranteeing equal access to resources, services, and opportunities for every individual. Poverty is not just a lack of income; it is the deprivation of education, healthcare, social participation, and dignity.

For Brainware University, education is the most sustainable anti-poverty strategy. The institution recognizes that breaking the cycle of poverty requires a blend of academic access, digital inclusion, employability skills, and community engagement. Every policy—from scholarships to research priorities—is aligned with the conviction that *knowledge can and must transform social conditions*.

Brainware’s SDG 1 efforts are structured around four interconnected pillars:

1. Access and Affordability: ensuring that economic barriers never block education.
2. Skill and Employability: providing professional exposure and financial support through internships.
3. Community Outreach: expanding digital and AI literacy to rural youth.
4. Innovation and Research: promoting technologies and ideas that reduce social and economic inequality.

Institutional Commitment and Policy Framework

Brainware University embeds the principles of SDG 1 within its core governance. The mission statement explicitly commits to *“making quality education accessible and affordable to all.”*

Policies supporting SDG 1 include:

- Scholarship Policy (revised FY 2022-23): annual merit-cum-means scholarships across every school.
- Financial Aid for First-Generation Learners: automatic eligibility review during admission.
- Internship Stipend Policy (2024): provision of stipends for socially relevant internship projects.
- Community Engagement Framework (AI & Digital Literacy 2024): outreach to rural Bengal for digital empowerment.
- Innovation and Entrepreneurship Policy (BWU-IIC 2023–25): financial and mentoring support for student start-ups targeting sustainable livelihoods.

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These policies are operationalized through HR-Quality, the Dean of Student Welfare, and the University's Innovation Cell.

Scholarships, Fee Waivers, and Financial Inclusion

Overview

Financial constraints are among the most persistent causes of student drop-outs in India. To counter this, Brainware University has institutionalized a broad scholarship ecosystem that merges internal support with government-funded schemes.

Scholarship Scheme	No. of Beneficiaries	Eligibility Criteria	Benefit	Amount in ₹ (Lakhs)
Vidyalankar – Academic Excellence Scholarship	11	90–94.9 % in qualifying exam	50 % tuition waiver	27.17
	66	95 % and above	100 % tuition waiver	91.85
Medha Britti – Merit Scholarship	3685	Consistent \geq 60 % through career	Tuition waiver (category-based)	1241.85
Krira Ratna – Sports Scholarship	4	National / International : 100 %; State : 50 %; District : 25 %	Tuition waiver	2,36
Government Schemes Facilitated	-	SC / ST / OBC / Minority / Nabanna / Kanyashree	Full/partial fee support	-

Case Outcomes

Several beneficiaries have gone on to secure placements in healthcare, agriculture, and IT sectors. Many are first-generation graduates whose family income was below ₹ 2 lakh p.a. - a measurable indicator of SDG 1 success through higher education.

Internship and Employability for Social Change

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Education alone does not eradicate poverty unless it translates into employability. Brainware University’s Internship Programme ensures that students from low-income backgrounds can pursue fieldwork without financial burden.

Key features:

- Target Sectors: healthcare, rural development, agri-innovation, digital governance.
- Beneficiaries: Students from Allied Health, Agriculture, and Management streams.
- Partner Organizations: Govt. or local hospitals, NGOs, micro-finance projects, rural cooperatives.

This initiative links classroom learning with community service and aligns directly with SDG 1 Target 1.2 – reducing the proportion of men, women, and children living in poverty through access to decent work.

Entrepreneurship and Innovation for Economic Self-Reliance

Brainware’s Innovation & Entrepreneurship Cell (BWU IIC) serves as a bridge between knowledge and income generation.

- Domains: agriculture automation, renewable energy, health devices, e-learning platforms.
- Seed fund support
- Mentorship: Industry experts & faculty innovators.

By turning students into employers, the University transforms education into a practical poverty-reduction tool—mirroring SDG 1 Target 1.4 on access to productive resources.

Research, Innovation, and Patents Contributing to SDG 1

Research at Brainware extends beyond laboratories to address socio-economic realities. Faculty and students pursue projects that improve health access, sustainable agriculture, and low-cost technology—areas directly linked with poverty eradication.

Publications

Title	Authors	Publication	SDG 1 Relevance
<i>An Inquiry into the Present Status of Sustainable Development Goals in India</i>	Dev Kumar Mandal, Dr Arup Kumar Sarkar	<i>Environmental Education</i> (ISBN 979-8-89363-379-5)	Evaluates SDG progress, highlights poverty policies.

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<i>Impact of Conservation Agriculture in Rural Sectors</i>	Dr Madhusri Pramanik et al.	<i>Futuristic Trends in Social Sciences</i> (ISBN 978-93-5747-378-1)	Links sustainable farming with rural income.
<i>Digital Soil Mapping – Remote Sensing and GIS Perspectives</i>	B. P. Mondal et al.	Elsevier (ISBN 978-0-443-18773-5)	Promotes sustainable land use and small-farmer productivity.
<i>Sustainable Indoor Air Quality Improvement Using Aqua Algae-Based Filtration Systems</i>	Dr Priyanka Sen Guha et al.	Indian Patent (2024)	Develops affordable environmental tech for low-income housing.

Related Patents (Aligned to SDG 1 themes)

Patent Title	Societal Relevance
<i>A Comprehensive Healthcare Application Facilitating Communication Between Patients and Clinicians</i>	Improves healthcare accessibility for rural poor.
<i>A Smart Soil Moisture Sensor and Watering System for Smart Agriculture</i>	Enhances small-farm productivity.
<i>Miniaturized Temperature Regulated Storage Box – Solar Power Tailored Approach</i>	Low-cost preservation for rural healthcare.

Through this research ecosystem, Brainware directly contributes to the knowledge economy supporting SDG 1.

Community Events and Awareness Activities

- SDG Awareness Week 2024: special lectures on *poverty and education nexus* attended by 400 students.
- Rural Outreach Drive: student volunteers distributed digital learning kits and sanitary kits in Nadia and North 24 Parganas.
- Workshop on Financial Literacy (June 2024): conducted by School of Management—covered banking basics and small business accounting for local youth.

These grassroots engagements help translate university learning into measurable community impact.

Brainware University’s approach to SDG 1 integrates education, innovation, and inclusion. Poverty eradication here is not seen as charity but as *empowerment through capacity building*.

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The University's financial-aid structure lifts economic burdens. Its internship stipends and innovation programmes translate academic learning into livelihoods. Its AI and digital outreach open new frontiers for rural youth. Its research and patents turn ideas into tangible social assets.

In essence, Brainware University is not only an academic institution—it is a social ecosystem nurturing opportunity where it is most needed. By aligning every level of its academic, administrative, and research effort with SDG 1, the University is helping Bengal and India move one-step closer to a poverty-free, knowledge-driven future.

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